Cumulative Assessments on UNIT 1

Cumulative Assessment 1 On lesson 1 unit 1

1. Complete.

a. In 562.417 , the digit 7 is in the _____ place and its value is _____

b. The decimal form of 5 and 17 thousandths is _____

c. The word form of 8.005 is _____

d. In 36.291 , the digit 9 represents _____

e. Five ones and 48 thousandths written as _____

f. The value of the digit 0 in the number 45.209 is _____

2. Choose the correct answer.

a. Sixty-four and sixty-four thousandths = _____

A. 64.64 B. 60.40 C. 64.064 D. 64.046

b. $\frac{575}{1{,}000}$ = _____

A. 5.75 B. 0.575 C. 557,000 D. 0.557

c. The value of the digit 4 in the number 3.514 is _____

A. 40,000 B. 400 C. 0.4 D. 0.004

d. In the number 1,425.367 , which digit is in the Thousandths place ?

A. 1 B. 7 C. 4 D. 6

3. In the number 59.841

a. What is the value of 1 ?

b. What does the digit 9 represent ?

c. What is the value of the digit in the Hundredths place ?

4. Write each of the following in word form.

a. 4.014 _____

b. 0.207 _____

c. 40.14 _____

d. 500.005 _____

Cumulative Assessment 2 Till lessons (2 & 3) unit 1

1. Choose the correct answer.

a. $6.5 \times$ _____ $= 6{,}500$

A. 1 B. 10 C. 100 D. 1,000

b. $652 \div 10 =$ _____

A. 65.2 B. 6,520 C. 6.52 D. 0.652

c. $35.602 = 35 +$ _____

A. 602 B. 0.62 C. 0.602 D. 0.02

d. Five and five thousandths = _____

A. 55,000 B. 5.05 C. 5,005 D. 5.005

2. Complete.

a. $3.7 \div 10 =$ _____

b. $25.164 \times 100 =$ _____

c. 7 thousand and 48 hundredths = _____ [decimal form]

d. In 452.09 , the digit 5 is in the _____ place and its value is _____

e. In 57.246 , the digit 6 represents _____

f. $5{,}000 + 20{,}000 + 0.9 + 6 + 0.001 =$ _____

3. In the following problem, record the number in the place-value chart and decompose the number 17.439 in expanded form and in another way then, answer the questions.

Thousands	Ones			•	Decimals		
O	H	T	O	•	Tenths	Hundredths	Thousandths
				•			

a. 1st way [expanded form] : _____

b. 2nd way : _____

c. What is the value of 3 ? _____

d. What does the digit 4 represent ? _____

e. What is the value of the digit in the Thousandths place ? _____

f. The value of the digit 4 _____ [increased/decreased] when dividing by 10 from _____ to _____

Cumulative Assessment 3 Till lesson 4 unit 1

1. Compare. Write (< , > or =).

a. 0.005 ◯ 0.05

b. 10.1 ◯ 10.011

c. 3.198 ◯ 3.2

d. 24.6 ◯ 24.600

e. $14\frac{315}{1{,}000}$ ◯ 41.315

f. 2 ones , 2 hundredths ◯ 2.2

g. Fifteen thousandths ◯ 0.01 + 0.005

2. Choose the correct answer.

a. 36.214 × 100 = _____

A. 36.214 B. 362.14 C. 3,621.4 D. 36,214

b. 5.361 > _____

A. 5.37 B. 5.362 C. 5.366 D. 3.561

c. 316 ÷ 10 = _____

A. 3.16 B. 31.6 C. 3,160 D. 0.316

d. In the problem 74.8 ÷ 10. The value of the digit 4 decreased from 4 to _____

A. 40 B. $\frac{4}{10}$ C. $\frac{4}{100}$ D. 0.004

3. Order from least to greatest.

a. 32.141 , 23.141 , 32.411 , 23.411

b. 1.351 , 1.135 , 1.531 , 1.315

4. Use the place-value chart to solve the following problem. Fill in the blanks to show how the value of each digit also changed.

85 × 10 = _____

Thousands	Ones			•	Decimals	
0	H	T	O	•	Tenths	Hundredths
				•		
				•		

a. The value of the whole number _____ [increased/decreased] when multiplying by 10

b. The value of the digit 5 _____ [increased/decreased] when multiplying by 10 from _____ to _____

Cumulative Assessment 4 Till lesson 5 unit 1

1. Complete.

a. 76.514 ≈ _____ (to the nearest Hundredths)

b. 0.9986 ≈ _____ (to the nearest Thousandths)

c. 10.18 ≈ _____ (to the nearest whole number)

d. 731.56 ÷ 100 = _____

2. Choose the correct answer.

a. In the number 432.519 , which digit is in the Hundredths place ?

A. 4 B. 3 C. 5 D. 1

b. 701.008 = 700 + 1 + _____

A. 0.080 B. 0.800 C. 8 D. 0.008

c. 5 ones , 5 thousandths ◯ 5.05

A. > B. < C. =

d. 3.8 □ 9 ≈ 3.85 (to the nearest Hundredths)

A. 3 B. 4 C. 5 D. 6

e. Rounding the number 175,329.275 to the nearest Hundred Thousands is _____

A. 100,000.275 B. 200,000 C. 275,329 D. 100,000

f. 19.58 ≈ _____ (to the nearest Tenths)

A. 18.6 B. 19 C. 20 D. 19.6

g. Rounding 24.3 to the nearest whole number is _____

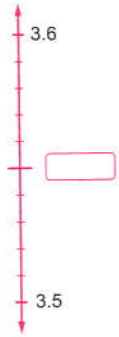
A. 23 B. 24 C. 243 D. 25

3. Write three decimals , if we round each of them to the nearest Hundredths becomes 15.36

_____

4. Label the midpoint of the number line. Place the decimal number 3.54 at its proper location. Then , round it to the nearest Tenth.

3.54 ≈ _____



Cumulative Assessment 5 Till lessons (6 & 7) unit 1

1. Find the result of each of the following.

a. 15.36
+ 7.97
_____

b. 38.56
+ 19.097
_____

c. 2.65 + 9.3 = _____

d. 17.4 + 5.6 = _____

2. Complete.

a. 7 Hundredths + 62 Thousandths = _____ Thousandths

b. 14.72 + _____ = 15.89

c. 34.567 ≈ _____ [to the nearest Hundredths]

d. The place value of the digit 0 in the number 3.506 is _____

e. 36.24 ÷ 10 = _____

f. 500 + 5 + 0.5 + 0.005 = _____

3. Use the place-value chart to solve each problem. Fill in the blanks to show how the value of each digit also changed.

189 ÷ 100 = _____

Thousands	Ones			•	Decimals	
0	H	T	O	•	Tenths	Hundredths
				•		
				•		

a. The value of the whole number _____ [increased/decreased] when dividing by 100

b. The value of the digit 8 _____ [increased/decreased] when dividing by 100 from _____ to _____

c. The value of the digit 9 _____ [increased/decreased] when dividing by 100 from _____ to _____

d. The value of the digit 1 _____ [increased/decreased] when dividing by 100 from _____ to _____

4. Mathew has 136.20 L.E. His brother Giovannie has 64.30 L.E. What is the total they have all together?

_____

Cumulative Assessment 6 Till lessons (8 to 10) unit 1

1. Find the result of each of the following.

a.
$$\begin{array}{r} 0.5 \\ -\ .375 \\ \hline \end{array}$$

b. $100 - 47.85 =$ _____

c. $5.473 - 3.362 =$ _____

d.
$$\begin{array}{r} 0.781 \\ -\ 0.531 \\ \hline \end{array}$$

2. Complete.

a. $2.45 \times 10 =$ _____

b. _____ $- 41.41 = 3.8$

c. The place value of the digit 6 in the number 35.264 is _____

d. $55.55 =$ _____ [expanded form]

e. $34.179 \approx$ _____ [to the nearest Tenths]

f. 24 Hundredths – 24 Thousandths = _____ Thousandths.

3. Compare. Write (<, > or =).

a. $99.89 - 90.09$ ◯ $10 - 1.01$

b. $0.2 - 0.05$ ◯ $4.9 - 4.75$

c. $7.9 + 2.3$ ◯ $11.7 - 1.3$

d. 75.36 ◯ 75.360

4. Choose the correct answer.

a. $371.5 \div 100 =$ _____

A. 37.15 B. 3,715 C. 3.715 D. 0.3715

b. $2.4 >$ _____

A. 2.40 B. 4.2 C. 1.956 D. 3.5

c. $340 + 0.3 + 0.04 =$ _____

A. 34.34 B. 340.304 C. 34.304 D. 340.34

d. 5 Hundredths + 13 Thousandths = _____ Thousandths.

A. 63 B. 18 C. 513 D. 37

Cumulative Assessment 7 Till lesson 11 unit 1

1. Complete.

a. The decimal form of 7 and 7 hundredths is _____

b. $7 \div 100 =$ _____

c. $2.463 \approx$ _____ [to the nearest whole number]

d. 3 Tenths + 36 Thousandths = _____ Thousandths.

e. $500 + 0.5 + 30 + 0.03 =$ _____ [in standard form]

f. _____ $- 2.79 = 3.21$

2. Compare. Write (< , > or =).

a. $3.5 - 2.1$ ◯ $3.5 + 2.1$

b. 31.46×10 ◯ $31.46 \div 10$

c. $51.5 + 5.15$ ◯ $5.15 + 51.5$

d. 2.14×10 ◯ $214 \div 10$

3. Choose the correct answer.

a. 71 Hundredths + 9 Hundredths = _____ Tenths.

A. 88 B. 80 C. 800 D. 8

b. $14.27 +$ _____ $= 15.89$

A. 1.53 B. 1.6 C. 1.62 D. 1.65

c. $55.5 - 5.55 =$ _____

A. 50.05 B. 50.5 C. 49.95 D. 49.59

d. 7 Tenths – 7 Hundredths = _____

A. 6.3 B. 0 C. 0.36 D. 0.63

e. The place value of 3 in 2.435 is _____

A. Tens B. Tenths C. Hundredths D. Thousandths

f. $7{,}368 \div$ _____ $= 73.68$

A. 10 B. 100 C. 1,000 D. 0.10

4. Mona had 95.5 L.E. She spent 35.75 L.E. Find the remainder with her.

_____

5. Eslam has 29.75 L.E. and Sameh has $15\frac{1}{2}$ L.E. How much money they have together?

_____

Cumulative Assessments on UNIT 2

Cumulative Assessment 8 — Till lesson 1 unit 2

1. Choose the correct answer:

a. $x + 2.45 - 1.7$ is called _____

A. equation. B. value. C. expression. D. neither.

b. Five ones , forty-seven thousandths = _____

A. 57.40 B. 5.740 C. 5.47 D. 5.047

c. Round the decimal number 79.44 to the nearest Tenths is _____

A. 80 B. 79 C. 79.4 D. 79.5

d. Which of the following is an equation ?

A. $3.54 - x$ B. $M + 2.5$ C. $4 \times z$ D. $5.34 + 1.7 = 7.04$

e. Nagi subtracted 3.24 from a number to get 3.42 , then the suitable equation is _____

A. $3.42 - 3.24 = x$ B. $3.42 - x = 3.24$

C. $x - 3.24 = 3.42$ D. $x + 3.24 = 3.42$

2. Complete.

a. $364.1 \div 100 =$ _____

b. The value of the digit 0 in the number 46.105 is _____

c. $3.5 - 1.365 =$ _____

d. The word form of the decimal 13.013 is _____

e. $700 + 7 + 0.07 =$ _____

3. A class contains 60 pupils , 34 from them are boys , write two equations to find the number of girls.

_____

_____

4. Youssef has 30.25 L.E. and Tamer has 34.75 L.E. Find the total money with them.

_____

_____

Cumulative Assessment 9 Till lessons (2 & 3) unit 2

1. Complete.

a. The variable in the equation $x + 5 = 9$ is _____

b. The value of the digit 5 in the number 30.005 is _____

c. The equation which represents the model

6.8	
m	3.2

is _____

d. $56.2 \times 100 =$ _____

e. 3 Tenths – 3 Thousandths = _____

2. Find the value of each variable in the following part-to-whole bar models.

a.

87.415	
m	29.125

_____

b.

h	
41.126	25.123

_____

3. Choose the correct answer.

a. $7{,}000 + 700 + 70 + 0.007 =$ _____

A. 777.7 B. 7,770.7 C. 7,770.07 D. 7,770.007

b. Seventy-one and seventeen hundredths in the standard form is _____

A. 71.17 B. 701.17 C. 17.70 D. 71.70

c. $346 \div 10 =$ _____

A. 3460 B. 3.46 C. 34.6 D. 0.346

d. $29.99 \approx$ _____ [to the nearest Tenth]

A. 29.10 B. 29.9 C. 30.99 D. 30

4. If we add 3.29 to a number to get 7.254 , then write the suitable equation and solve it.

_____

5. What is the story ?

Write a story problem for the following equation , then solve it $3.25 + 6.25 = n$

_____

Cumulative Assessment 10 Till lessons (4 & 5) unit 2

1. Factorize the following numbers to their prime factors , then find the G.C.F for them.

a. 12 and 18

12 = _____

18 = _____

G.C.F = _____

b. 28 and 42

28 = _____

42 = _____

G.C.F = _____

2. Find the common factors and the greatest common factor G.C.F of 8 and 24

a. Factors of 8 : _____

b. Factors of 24 : _____

c. Common factors : _____

d. G.C.F : _____

3. Complete.

a. _____ is the only even prime number.

b. The prime factors of 14 are _____ and _____

c. 3 Thousands and 3 Thousandths = _____

d. 9 Hundredths – 81 Thousandths = _____ Thousandths.

e. The smallest prime odd number is _____

4. Find the missing variables.

a. $b \times 8 = 24$

b = _____

b. $3.2 + a = 4.7$

a = _____

c. $12 \times N = 12$

N = _____

d. $m - 1.41 = 2.7$

m = _____

e. $38.1 - K = 35.1$

K = _____

f. $5.5 + L = 7$

L = _____

g. $n \times 123 = 0$

n = _____

h. $y - 4.62 = 1.7$

y = _____

Cumulative Assessment 11 Till lessons (6 & 7) unit 2

1. Two numbers , the prime factors of the first are 2 , 3 and 5 and the prime factors of the second are 2 , 2 , 3 and 5 , then :

a. The first number = _____ **b.** The second number = _____

c. G.C.F = _____

2. **Complete.**

a. The common multiple for all numbers is _____

b. The common factor for all numbers is _____

c. 7,000 + 70 + 0.7 + 0.007 = _____

d. 9,561 ÷ 100 = _____

e. 3.5 + 16.014 = _____

f. 7 Hundredths – 35 Thousandths = _____ Thousandths.

g. 27 = 3 × _____ hence 27 is a multiple of _____ and is also a multiple of _____

3. **To find the L.C.M of 6 and 4.**

- Multiples of 6 _____
- Multiples of 4 _____
- Common multiples of 6 and 4 [other than 0] _____
- L.C.M of 6 and 4 _____

4. **Find the L.C.M of 12 and 9.**

12 = _____

9 = _____

L.C.M = _____

5. **Use the prime factorization of each of the following numbers to find the L.C.M**

a. 8 and 24

8 = _____

24 = _____

L.C.M = _____

b. 10 , 12 and 15

10 = _____

12 = _____

15 = _____

L.C.M = _____

Cumulative Assessment 12 Till lesson 8 unit 2

1. **Use the prime factorization of each of the following numbers , then find the G.C.F and L.C.M :**

a. 12 and 14

12 = _____

14 = _____

G.C.F = _____

L.C.M = _____

b. 10 and 15

10 = _____

15 = _____

G.C.F = _____

L.C.M = _____

2. **Two numbers , the prime factors of the first are 2 , 2 , 5 and 5 and the prime factors of the second are 2 , 2 , 5 and 7.**

a. The first number = _____

b. The second number = _____

c. Their G.C.F = _____

d. Their L.C.M = _____

3. **Complete.**

a. The place value of the digit 7 in the number 3.267 is _____

b. 3 Hundredths – 25 Thousandths = _____ Thousandths.

c. The common factor for all numbers is _____

d. The smallest prime number is _____

e. 7.3 – 3.71 = _____

f. 26.349 × 100 = _____

4. Two clocks are turned on in the same time. One clock chimes every 15 minutes. The other clock chimes every 25 minutes. In how many minutes will they chime together ? Do you have to find the G.C.F or the L.C.M ? What is the answer ?

_____

_____

5. Giovanni has 18 oranges and 12 bananas . He wants to make fruit baskets with the same number of each fruit in each basket. What is the greatest number of fruit baskets he can make ? Do you have to find the G.C.F or the L.C.M ? What is the answer ?

_____

_____

_____

Assessment 1 on Lesson 1

Unit 1

First: Complete the following:

1. Nine milliard, ninety thousand and nine thousandths **(In digits)**: .....
2. 6,200.09 **(In word form)**: ..... .
3. The place value of **9** in 5**9**6,258.27 is ..... .
4. 3 Tens + 3 Tenths = ...
5. The value of **0** in 653,852.2**0**8 is ..... .

Second: Choose the correct answer:

1. Four hundred million, thirty thousand and three hundredths = ...

   (a) 400,030,000.03 (b) 400,030.03 (c) 4,030,000.30 (d) 430.30

2. 3,000,003.003 **(In word form)**: ..... .

   (a) Three hundred, three million and three thousandths

   (b) Three million, three and three thousandths

   (c) Three million, three thousand and three thousandths

   (d) Three hundred thousand, three and three thousandths

3. In ....., the place value of 5 is Hundredths.

   (a) 500.46 (b) 46.005 (c) 40.056 (d) 46,500

4. The digit that represents the Thousandths in 4,568.178 is ..... .

   (a) 1 (b) 7 (c) 8 (d) 4

Third: Match:

1. Nine hundred million **and** nine hundred thousandths	(a) 900,000.90
2. Nine hundred thousand **and** ninety hundredths	(b) 909.009
3. Nine hundred, nine **and** nine thousandths	(c) 900,000,000.900
4. Nine hundred million **and** nine thousandths	(d) 900,000.09
5. Nine hundred thousand **and** nine hundredths	(e) 900,000,000.009

Assessment 2 on Lessons 2&3

Unit 1

First: Choose the correct answer:

1. The value of **45.26** increases when multiplying by 10 to .....
   (a) 4,526 (b) 4.526 (c) 452.6 (d) 450.26
2. The value of ..... decreases when dividing by 10 to **75.28**
   (a) 752.8 (b) 7.528 (c) 750.28 (d) 75.028
3. 400 + 50 + 0.2 + 0.004 = ...
   (a) 450.24 (b) 450.024 (c) 450.204 (d) 45.204
4. 20.05 = ...
   (a) 20 + 5 (b) 200 + 0.5 (c) 2 + 0.005 (d) 20 + 0.05
5. 85 ÷ 10 = ...
   (a) 8.5 (b) 0.85 (c) 0.085 (d) 850

Second: Complete the following:

1. The value of ..... increases when multiplying by 10 to 39.27.
2. The value of 270 is decreased when multiplying by 10 to ..... .
3. 45.012 = 45 + ...
4. 500 + 20 + 3 + 0.8 + 0.07 + 0.006 = ...
5. ..... ÷ 10 = 45.9

Third: Match:

1. 78 X 10	(a) 7.8
2. 78 ÷ 10 = ...	(b) 70.8
3. 70 + 0.8 = ...	(c) 780
4. 7 + 0.08 = ...	(d) 70.08
5. 70 + 0.08 = ...	(e) 7.08

Assessment 3 on Lessons 4&5

Unit 1

First: **Choose the correct answer:**

1 45 + 0.5 ..... 450 + 0.05

ⓐ < ⓑ > ⓒ = ⓓ ⩽

2 ..... ≈ 75.3 **(To the nearest Tenth)**

ⓐ 75.03 ⓑ 75.39 ⓒ 750.3 ⓓ 75.34

3 78.098 ≈ ..... **(To the nearest whole number)**

ⓐ 78.1 ⓑ 78 ⓒ 79 ⓓ 7

4 68.567 ≈ 68.57 **(To the nearest .....)**

ⓐ whole number ⓑ Tenth ⓒ Hundredth ⓓ Thousandth

5 ..... ≈ 20.02 **(To the nearest Hundredth)**

ⓐ 20.002 ⓑ 20.024 ⓒ 0.025 ⓓ 20.200

Second: **Round the following numbers:**

1 458.025 ≈ ..... **(To the nearest Hundredth)**

2 458.025 ≈ ..... **(To the nearest Tenth)**

3 458.025 ≈ ..... **(To the nearest whole number)**

4 458.025 ≈ ..... **(To the nearest Ten)**

5 458.025 ≈ ..... **(To the nearest Hundred)**

Third: **Compare using (<, = or >):**

1 40.02 ..... 400 + 2

2 50.600 ..... 5.006

3 500 + 90 + 3 + 0.8 + 0.07 ..... 593.87

4 300.03 ..... Three hundred and three tenths

5 25 + 0.03 + 0.008 ..... Twenty-five and eighty-three hundredths

Fourth: **Label the midpoint of the number line. Place the given decimal number at its proper location, and then round:**

1 65.25 ≈ .....

To the nearest whole number

2 80.958 ≈ .....

To the nearest Tenth

3 2.875 ≈ .....

To the nearest Hundredth

Assessment on Concept 1

Unit 1

First: Complete the following:

1. Five milliard, five million, five hundred thousand and five thousandths = ... **(In digits)**
2. The smallest decimal number that can be formed from the digits (9 , 8 , 0 , 5 , 7) up to the Hundredths is ..... .
3. In 8,567.491, the place value of 9 is Hundredths and its value is ..... .
4. The value of 586.47 is increased when multiplying by 10 to ..... .
5. 458.025 ≈ ..... . **(To the nearest Tenth)**

Second: Choose the correct answer:

1. The numbers 800,000.08 **(In word form)**: ..... .
   - (a) Eight hundred and eight hundredths
   - (b) Eight thousand and eight tenths
   - (c) Eight hundred and eight tenths
   - (d) Eight hundred thousand and eight hundredths
2. The value of ..... is decreased when dividing by 10 to 75.2.
   (a) 7,520 (b) 7.52 (c) 752 (d) 75.200
3. 4,000 + 40 + 0.4 + 0.04 = ...
   (a) 4,040.44 (b) 44.44 (c) 444.04 (d) 4,400.40
4. ..... ≈ 75.60 **(To the nearest Hundredth)**
   (a) 75.694 (b) 75.607 (c) 75.599 (d) 75.697

Third: Compare using (<, = or >):

1. 247.089 ____ 247.1
2. 45.25 ____ 45 + 25
3. 202.25 ____ 20.225
4. 20.05 ____ 20 + 0.05
5. 1,000 + 50 + 0.2 + 0.008 ____ 1,500.280

Fourth: Match:

1. Three thousand and three thousandths = ...	(a) 0.15
2. 150 Thousandths = ...	(b) 3,000.003
3. 400 + 20 + 0.1 + 0.008 = ...	(c) 20
4. 45.95 X 10 = ...	(d) 420.108
5. 19.999 ≈ ..... **(To the nearest Hundredth)**	(e) 459.5

Fifth: Answer the following:

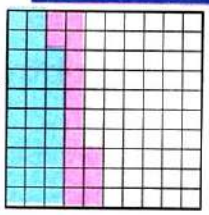
Mazen is planning a trip from Cairo to El Fayoum. He will travel 147.72 kilometers. Round the distance to the nearest whole number. .....

Assessment 4 on Lessons 6&7

Unit 1

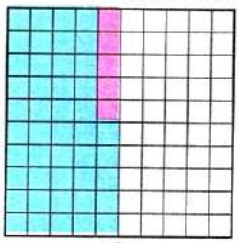
First: Choose the correct answer:

1 The expression that expresses the corresponding model is ..... .

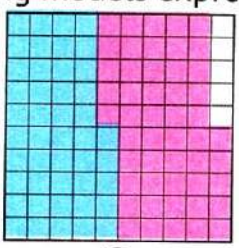


ⓐ 0.28 + 0.15 ⓑ 2.8 + 1.5
ⓒ 2.8 + 0.15 ⓓ 0.28 + 1.5

2 Which of the following models expresses the addition problem 0.45 + 0.5?



ⓐ



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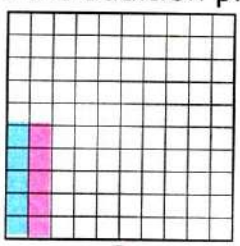

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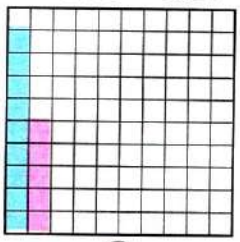


ⓓ

3 5.25 + 32.7 = ...

ⓐ 37.92 ⓑ 8.52 ⓒ 85.2 ⓓ 37.95

4 0.75 + ... = 1

ⓐ 1.25 ⓑ 0.25 ⓒ 0.35 ⓓ 1.75

5 65.5 + 5 = ...

ⓐ 66 ⓑ 70.5 ⓒ 65.55 ⓓ 655.5

Second: Complete the following:

1 The estimated sum of 4.6 + 5.3 using rounding to the nearest whole number strategy is .....

2 The estimated sum of 6.12 + 3.28 using rounding to the nearest Tenth strategy is .....

3 4 Hundredths + 27 Thousandths = ... Thousandths

4 452.8 + 2.782 = ...

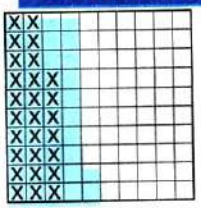
5 ..... + 0.62 = 1

Third: Match:

1 3.5 + 2.5	ⓐ 0.6
2 0.35 + 0.25 = ...	ⓑ 2.85
3 0.35 + 2.5 = ...	ⓒ 6
4 3.5 + 0.25 = ...	ⓓ 60
5 35 + 25 = ...	ⓔ 3.75

Assessment 5 on Lessons 8 – 11

Unit 1



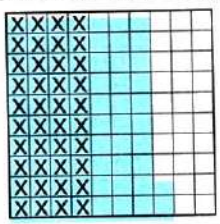
First: **Choose the correct answer:**

1 The expression that expresses the corresponding model is .....

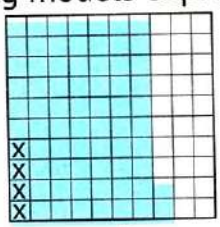
(a) 0.42 – 0.27 (b) 4.2 – 2.7

(c) 4.2 – 0.27 (d) 0.42 – 2.7

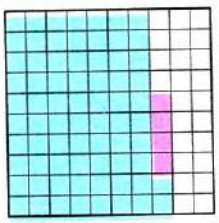
2 Which of the following models expresses the subtraction problem 0.72-0.4?



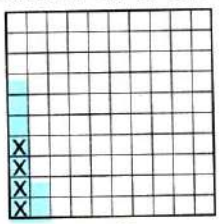
(a)



(b)



(c)



(d)

3 7.15 – 2.6 = ...

(a) 4.55 (b) 9.75 (c) 6.09 (d) 7.41

4 1 – ..... = 0.47

(a) 1.47 (b) 1.53 (c) 0.53 (d) 0.47

5 8 – 0.45 = ...

(a) 8.45 (b) 8.55 (c) 7.45 (d) 7.55

Second: **Complete the following:**

1 The estimated difference of 4.2 – 1.8 using rounding to the nearest whole number strategy is ..... .

2 The estimated difference of 18.46 – 7.25 using rounding to the nearest Tenth strategy is ..... .

3 5 Hundredths + 35 Thousandths = ... Thousandths

4 32.7 + 2.079 = ...

5 ..... – 0.47 = 0.53

Third: **Match:**

1 15.2 – 5.2 2 1.52 – 0.52 3 15.2 – 0.52 4 152 – 5.2 5 152 – 52

(a) 1 (b) 10 (c) 100 (d) 14.68 (e) 146.8

Fourth:

Emad caught three fish whose lengths were 29.28 cm, 29.255 cm, and 35.17 cm. What is their total length? What is the difference between the longest fish and the shortest fish? .....

Assessment on Concept 2

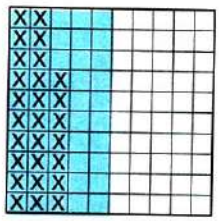
Unit 1

First: **Complete the following:**

1. The estimated difference of 6.527 – 0.293 using rounding to the nearest Tenth strategy is ..... .
2. 7 Hundredths + 24 Thousandths = ... Thousandths
3. 45.25 + ... = 90.5
4. 59.126 – 42.35 = ...
5. 5 Tenths – 5 Thousandths = ... Thousandths

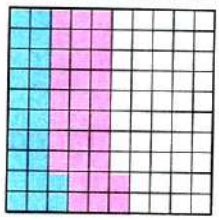
Second: **Choose the correct answer:**

1. The expression that expresses the corresponding model is .....



   (a) 0.5 – 0.27 (b) 0.5 – 2.7
   (c) 0.5 + 0.27 (d) 0.5 + 27

2. The expression that expresses the corresponding model is .....

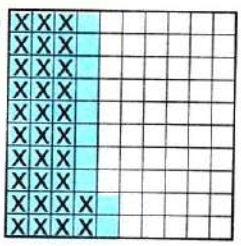


   (a) 22 + 30 (b) 0.22 – 0.03
   (c) 2.2 + 3.0 (d) 0.22 + 0.30

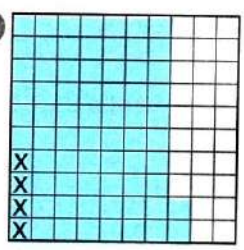
3. ..... – 2.45 = 0.55
   (a) 3 (b) 30 (c) 300 (d) 0.10
4. 5.456 – 3.456 = ...
   (a) 8.912 (b) 200 (c) 20 (d) 2
5. 3 Tenths – 33 Thousandths = ... Thousandths
   (a) 0.267 (b) 267 (c) 2.67 (d) 26.7

Third: **Match each model to its expression:**

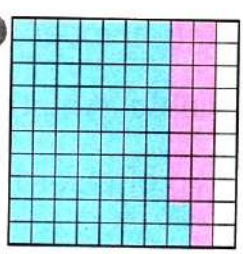
(a)



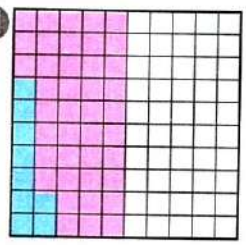
(b)



(c)



(d)



1. 0.72 – 0.04
2. 0.42 – 0.32
3. 0.09 + 0.41
4. 0.72 + 0.18

Fourth: **Answer the following:**

Emad had **56.5** pounds. He bought a pen for **12.25** pounds and a notebook for **15.5** pounds. How much money is left with Emad?

.....

..... .

1 Assessments on Units

Assessment on Unit 1

First: Choose the correct answer:

1 45,000.04 **(In word form)**: ..... .

ⓐ Forty-five and four hundredths ⓑ Forty-five and four thousandths

ⓒ Forty-five thousand and four hundredths

ⓓ Forty-five thousand and four thousandths

2 Six milliard, Twenty million, 4 hundred thousand, eighty is ..... .

ⓐ 6,020,400,080 ⓑ 6,200,400,800 ⓒ 6,002,004,800 ⓓ 6,248

3 The value of ..... is increased by a factor of 10 to 75.2.

ⓐ 752 ⓑ 7.52 ⓒ 75.2 ⓓ 0.752

4 50 + 7 + 0.02 + 0.004 = ...

ⓐ 57.024 ⓑ 57.24 ⓒ 57.6 ⓓ 57.204

5 47.98 ≈ ..... **(To the nearest Tenth)**

ⓐ 47.9 ⓑ 47.0 ⓒ 48.0 ⓓ 48.9

6 3.07 = ...

ⓐ 30 + 7 ⓑ 30 + 0.7 ⓒ 3 + 0.07 ⓓ 30 + 0.07

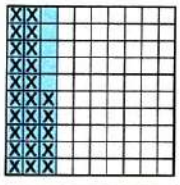
7 85.23 ÷ 10 = ...

ⓐ 8,523 ⓑ 852.5 ⓒ 85.25 ⓓ 8.523

8 23 + 0.9 ____ 230 + 0.09

ⓐ > ⓑ < ⓒ = ⓓ ≤

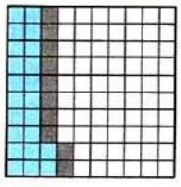
9 The expression that expresses the corresponding model is ..... .



ⓐ 0.3 – 0.025 ⓑ 0.3 + 0.25

ⓒ 0.3 – 0.25 ⓓ 0.03 + 0.25

10 The expression that expresses the corresponding model is ..... .



ⓐ 2.2 + 0.32 ⓑ 0.22 – 0.32

ⓒ 0.22 + 0.1 ⓓ 0.22 – 0.01

Second: Complete the following:

1. Sixty-five million and five thousandths **(In standard form)**: ..... .
2. In 8,567.491, the place value of 9 is ..... and its value is ..... .
3. The value of 56.47 is decreased by a factor of 10 to ..... .
4. 43.78 ≈ ..... **(To the nearest Tenth)**
5. 400 + 20 + 0.1 + 0.008 = ...
6. 45.95 X 10 = ...
7. 6 Hundredths + 6 Thousandths = ... Thousandths
8. The estimated difference of (7.12 – 2.9) using rounding to the nearest whole number strategy is ..... .
9. ..... + 0.62 = 1
10. ..... – 0.12 = 0.88

Third: Match:

1 Three hundred and three hundredths	a 300. 3
2 300 + 0.3	b 300.03
3 3.003 X 10	c 3.03
4 30.03 ÷ 10	d 30.03
5 3.93 – 0.9	e 3.003

Fourth: Compare using (<, = or >):

1. 35.001 ..... 35.100
2. 75.012 ..... 75.102
3. 100 + 2 + 0.05 ..... 100.25
4. 45.6 X 10 ..... 45 ÷ 10
5. 80.002 ..... Eight hundred and two hundredths

Fifth: Answer the following:

1. A farmer can raise **25,327** liters of water on one day using the shadouf and **47,128** liters on another day. How many liters can the farmer raise in two days?

   ..... .

2. Walaa is traveling from Cairo to Matrouh. If the distance between Cairo and Matrouh is **446.3** kilometers, and Walaa traveled **267.53** kilometers, then what is the distance that Walaa has to travel to reach Matrouh?

   ..... .

3. Omar has **67.40** pounds, and his sister Fairouz has **70.45** pounds. They want to buy a game for **342.5** pounds. How much do they need to buy this game?

   ..... .

Assessment 1 on Lesson 1

Unit 2

First: **Choose the correct answer:**

1 **5 + x + 3** is ..... .

ⓐ a variable
ⓑ a mathematical expression
ⓒ an equation
ⓓ other

2 **7 + 5 = m + 3** is ..... .

ⓐ a variable
ⓑ a mathematical expression
ⓒ an equation
ⓓ other

3 In the equation **45 + x = 86**. If **86** represents the number of students in one of the classes and **45** represents the number of boys in this class, then, **x** represents ..... .

ⓐ the number of girls
ⓑ the number of boys
ⓒ the number of students
ⓓ the number of teachers

4 Hussam compared the lengths of two of his colleagues and wrote this equation: **1.52 – 1.25 = y**, the letter **y** represents ..... .

ⓐ the height of one of his colleagues
ⓑ the sum of the height of his colleagues
ⓒ the difference between the heights of his colleagues
ⓓ the height of Hussam

5 The equation that represents the difference between **4.25** and **3.79** is ..... .

ⓐ m = 3.79 + 4.25 ⓑ m – 3.79 = 4.25 ⓒ m – 4.25 = 3.79 ⓓ m = 4.25 – 3.79

Second: **Match:**

1 The difference between 18.5 **and** 12.5	ⓐ **a** = 18.5 + 12.5
2 The sum of 18.5 **and** 12.5	ⓑ **a** = 18.5 – 12.5
3 12.5 **plus** a number equals 18.5	ⓒ 18.5 – **a** = 12.5
4 18.5 **minus** a number equals 12.5	ⓓ **a** + 12.5 = 18.5
5 A number **plus** 12.5 equals 18.5	ⓔ 12.5 + **a** = 18.5

Assessment 2 on Lessons 2&3

Unit 2

First: **Choose the correct answer:**

1 If 78.45 + **y** = 90, then **y** = ...

ⓐ 78.45 ⓑ 90 ⓒ 168.45 ⓓ 11.55

2 If 12 – **m** = 5.125, then **m** = ...

ⓐ 12 ⓑ 5.125 ⓒ 6.875 ⓓ 17.125

3 If 2.5 + 3.4 + **x** = 7, then **x** = ...

ⓐ 2.5 + 3.4 + 7 ⓑ 7– 2.5 + 3.4 ⓒ 7 – (2.5 + 3.4) ⓓ (7 + 2.5) – 3.4

4 If 5.4 + 2.6 = **c** – 1.9, then **c** = ...

ⓐ 6.1 ⓑ 8 ⓒ 9.9 ⓓ 7.3

Second: **Complete the following:**

1 If 8.5 + **y** = 15, then **y** = ...

2 If 2.125 – **z** = 6.782 – 6.75, then **z** = ...

3 If **m** = 3.25, then **m** + 3.275 = ...

Third:

Find the value of the variable (a) in each of the following:

1 35.2 + a = 63.8

a = ...

a = ...

2 a – 24.8 = 35.2

y = ...

y = ...

3 a + 6.15 = 10

a = ...

a = ...

4 45.16 - a = 13.48

a = ...

a = ...

Assessment on Concept 1

Unit 2

First: Choose the correct answer:

1 $2.15 + \mathbf{x} = 9.25$ is ..... .

ⓐ a variable ⓑ a mathematical expression ⓒ an equation ⓓ other

2 If $28.45 - \mathbf{y} = 15.05$, then $\mathbf{y}$ = ...

ⓐ 13.40 ⓑ 43.50 ⓒ 28.45 ⓓ 15.05

3 In the equation $38.50 + \mathbf{x} = 80.25$, if 80.25 represents the amount that Hossam owns and 38.50 represents the amount remaining with him, then **x** represents ..... .

ⓐ the amount he owns ⓑ the amount he has left

ⓒ the amount he spent ⓓ other

4 The equation that represents the sum of 6.35 **and** 3.14 is .....

ⓐ $m = 6.35 + 3.14$ ⓑ $m - 3.14 = 6.35$ ⓒ $m - 6.35 = 3.14$ ⓓ $m = 6.35 - 3.14$

Second: Complete the following:

1 If $8.5 - y = 1.5 + 6.5$, then y = ...

2 If $5.52 + 2.01 + x = 9.21$, then x = ...

3 If $m = 3.01$, then $m - 0.5$ = ...

4 $f + 0.28 = 9.07$, then f = ...

Third: Put (✓) or (✗):

1 "$x + 3.2 = 1.2 + 7.8$" is called a variable. ( )

2 The equation $7.2 + 1.05 = x$ is similar to the equation $1.05 + 7.2 = y$. ( )

3 If $5.63 - m = 2.15$, then $m = 5.63 + 2.15$. ( )

4 The equation that represents the difference between 18.5 and 12.5 is $z - 18.5 = 12.5$. ( )

Assessment 3 on Lesson 4

Unit 2

First: **Choose the correct answer:**

1 The number of factors of **16** is ..... .

ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 6

2 If the all factors of a number are **1, 2, 3, 4, 6, 12**, then its prime factors are ..... .

ⓐ 2 x 2 x 3 ⓑ 3 x 4 ⓒ 2 x 6 ⓓ 1 x 12

3 The **smallest** prime number formed from two digits is ..... .

ⓐ 2 ⓑ 10 ⓒ 11 ⓓ 12

4 **2** and **7** together are prime factors of ..... .

ⓐ 72 ⓑ 14 ⓒ 27 ⓓ 9

Second: **Match:**

1 Prime factors of **20**	ⓐ 2, 3, 5, 7
2 Prime numbers less than **10**	ⓑ 2, 3, 3
3 Prime factors of **18**	ⓒ 2, 2, 5

Third: **Complete the following:**

1 All prime numbers are odd numbers, except ..... is an even number.

2 If **a** X 9 = 36, then **a** = ...

3 The prime factors of 25 are: **25** = ...

4 A number whose prime factors are **2, 2** and **5** is ..... .

Fourth: **Factorize each number into its prime factors using the factor tree:**

1 45

45 = ...

2 32

32 = ...

3 60

60 = ...

Assessment 4 on Lesson 5

Unit 2

First: Choose the correct answer:

1 The prime factor(s) of **14** are/is ..... .

ⓐ 2 ⓑ 2, 7 ⓒ 1, 2, 7, 14 ⓓ 3

2 The **greatest common factor** of any two prime numbers is ..... .

ⓐ the largest number ⓑ the smallest number

ⓒ 1 ⓓ there is no common factors

3 The greatest common factor of **21** and **7** is .....

ⓐ 7 ⓑ 21 ⓒ 28 ⓓ 14

4 The common **prime** factors of two numbers are: **2, 3, 5**, then the GCF of these two numbers is .....

ⓐ 6 ⓑ 30 ⓒ 10 ⓓ 2

Second: Complete the following sentences:

1 If **n** = 2 X 2 X 7 then, n = ...

2 The factors of **23** are ..... .

3 The prime factors of **19** are ..... .

4 The **greatest common factor** of **8** and **5** is ..... .

5 A prime number whose factors sum is **6** is ..... .

Third: Find the greatest common factor for each of the following:

1 **30 , 20**

30 = ...

20 = ...

GCF = ... = ...

2 **12 , 48**

12 = ...

48 = ...

GCF = ... = ...

Fourth:

Find the **greatest common factor** of (6 X 6) and (5 X 8).

..... .

Assessment 5 on Lessons 6&7

Unit 2

First: **Choose the correct answer:**

1 ..... is a multiple of **8**.

ⓐ 2 ⓑ 4 ⓒ 16 ⓓ 6

2 **24** is a multiple of .....

ⓐ 16 ⓑ 14 ⓒ 8 ⓓ 9

3 The **common multiple** of all numbers is ..... .

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

4 The LCM of **8** and **4** is ..... .

ⓐ 4 ⓑ 8 ⓒ 16 ⓓ 12

5 The LCM of **3** and 5 is ..... .

ⓐ 8 ⓑ 15 ⓒ 30 ⓓ 45

Second: **Use the following words to complete:**
(prime, factor, One, composite number, multiples)

1 A ..... is a number with more than one set of factor pairs.

2 A ..... is a number that is multiplied by another number to get a product.

3 Skip counting is a way to find the ..... of a number.

4 ..... is a factor of all numbers.

5 The ..... number has only 2 factors: one and the number itself.

Third: **Find the GCF and LCM for each of the following:**

1 **8, 16**

8 = ...

16 = ...

GCF = ... = ...

LCM = ... = ...

2 **15, 20**

15 = ...

20 = ...

GCF = ... = ...

LCM = ... = ...

Fourth: **Find the LCM for the numbers 6, 8, and 12.**

1 The multiples of **8** are: ..... , ... , ... , ... , ... , ... , ...

2 The multiples of **12** are: ..... , ... , ... , ...

3 The **common multiples** are: ..... .

4 **LCM** = ...

Assessment 6 on Lesson 8

Unit 2

First: Choose the correct answer:

1 The GCF of **12** and **18** is ..... .

ⓐ 2 ⓑ 3 ⓒ 6 ⓓ 9

2 The LCM of **6** and **8** is ..... .

ⓐ 2 ⓑ 24 ⓒ 48 ⓓ 14

3 Which of the following is a multiple of **12**?

ⓐ 6 ⓑ 3 ⓒ 12 ⓓ 4

4 Which of the following is a common multiple of **9** and **6**?

ⓐ 3 ⓑ 12 ⓒ 27 ⓓ 18

Second: Complete the following sentences:

1 The multiples of **6** between **20** and **30** are ..... .

2 The prime factors of **27** are ..... .

3 The greatest common factor of **18** and **12** is ..... .

4 The LCM of **12** and **8** is ..... .

Third: Answer the following:

1 Menna gives her friends pencils and erasers. The store sells pencils in boxes of 8 and erasers in boxes of 10. If Menna wants the same number of each, what is the minimum number of pencils that she will have to buy?

.....

.....

2 Nour makes snack bags for an upcoming trip. He has 6 oranges and 12 pieces of dried fruit. He wants the snack bags to be identical without any food left over. What is the greatest number of snack bags that Nour can make?

.....

.....

Assessment on Concept 2

Unit 2

First: **Choose the correct answer:**

1. The ..... number has only **two** factors.
   - (a) prime
   - (b) composite
   - (c) even
   - (d) odd
2. ..... is a common multiple of **10** and **5**.
   - (a) 20
   - (b) 15
   - (c) 5
   - (d) 24
3. All the following numbers are multiples of **8**, except ..... .
   - (a) 16
   - (b) 24
   - (c) 32
   - (d) 36
4. The greatest common factor of **12** and **6** is ..... .
   - (a) 2
   - (b) 3
   - (c) 6
   - (d) 12

Second: **Complete the following sentences:**

1. ..... is a common factor of all numbers.
2. **40, 25, 15** are multiples of the number ..... .
3. ..... is a common multiple of all numbers.
4. The LCM of **15** and **30** is ..... .
5. If **40 = 5 x 8**, then ..... is a multiple of the two numbers ..... and ..... .

Third: **Put (✓) or (✗):**

1. **2** is an odd prime number. ( )
2. The GCF for **2** and **3** is **3**. ( )
3. The prime factors of **18** are 1, 2, 3, 6, 9, 18. ( )
4. **14** is the LCM of **2** and **14**. ( )
5. 0 and 7 are the multiples of **7**. ( )

Fourth: **Answer the following:**

Sameh wanted to divide **21** pens and **35** notebooks into groups, so that each group contains the same number of tools. What is the largest number of groups that can be formed for each type of tool?

How many pens are in each group? How many notebooks are in each group?

.....

.....

Assessment on Unit 2

First: **Choose the correct answer:**

1 7.5 + 5.25 = **m** – 2.35 is ..... .

ⓐ a variable
ⓑ a mathematical expression
ⓒ an equation
ⓓ other

2 In the equation 6.45 + **x** = 9.15, if 9.15 represents the sum of two numbers and 6.45 represents one of the two numbers, then **x** represents ..... .

ⓐ the other number
ⓑ the sum of the two numbers
ⓒ the difference between the two numbers
ⓓ other

3 If 12.4 + **x** = 26.3 - 10.04, then **x** = ...

ⓐ 12.4 + 26.3 + 10.04
ⓑ (26.3 – 10.04) - 12.4
ⓒ 13.26 + 12.4
ⓓ (26.3 – 10.04) + 12.4

4 The equation that expresses the corresponding **bar model** is ..... .

ⓐ y = 2.63 + 1.2
ⓑ y = 2.63 – 1.2
ⓒ y – 1.2 = 2.63
ⓓ y + 2.63 = 3.83

2.63	
y	1.2

5 "Ahmed has 5 pens and 3 books" is ..... .

ⓐ a variable
ⓑ a mathematical expression
ⓒ an equation
ⓓ other

6 If the factors of a number are **1, 2, 4, 8,** then its prime factors are ..... .

ⓐ 2 X 2 X 2
ⓑ 2 X 4
ⓒ 1 X 8
ⓓ 1 X 2 X 4

7 The **LCM** of any **two** prime numbers is ..... .

ⓐ the largest number
ⓑ the smallest number
ⓒ 0
ⓓ their product

8 **18** is a multiple of ..... .

ⓐ 8
ⓑ 36
ⓒ 9
ⓓ 12

9 The LCM for **6** and **4** is ..... .

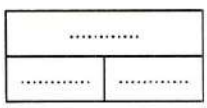
ⓐ 12
ⓑ 24
ⓒ 36
ⓓ 48

10 **30** is a common multiple of the **two** numbers ..... .

ⓐ 10, 8
ⓑ 6, 12
ⓒ 30, 9
ⓓ 10, 15

Second: Complete the following:

1. If 8.235 + **p** = 10.224, then **p** = ...
2. All prime numbers are ..... numbers, except ..... which is an even number.
3. If **x** = 3.51, then **x** – 1.28 = ...
4. If **t** X 8 = 56, then **t** = ...
5. The equation that represents [4.02 plus **"a"** equals 12] is ..... .
6. The factors of **25** are ..... .
7. The prime factors of **25** are ..... .
8. A number whose prime factors are **2, 3, 5** is ..... .
9. ..... is a common multiple to all numbers.
10. Use the equation "**s** - 0.12 = 7.25" to complete the corresponding bar model.



Third: Complete the factor tree, then find the GCF and LCM for 12 and 18.

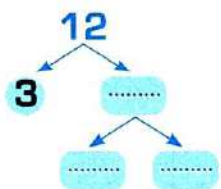
12 and 18

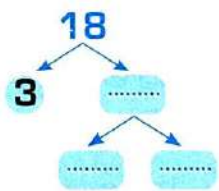
12 = ...

18 = ...

GCF = ... = ...

LCM = ... = ...





Fourth: Answer the following:

Mary has 25 blue roses and 15 red roses that she wants to distribute in bouquets, so that each bouquet contains the same number of roses of each color.

What is the largest number of bouquets that Mary needs for each type of roses?

.....

.....

.....

Revision

Mathematics Exercises for October Syllabus

First: **Complete the following:**

1. Six milliard, seventy thousand, ninety-six and five thousandths (**in standard form**): ..... .
2. 45,025,003.36 (**in word form**): ..... .
3. In 457,258,350.**6**8, the digit 6 is in the ..... place and its value is ..... .
4. In 500,725,235.102, the digit in the Hundredths is ..... and its value is ..... .
5. The value of 9 in the Hundredths place is ..... .
6. If the value of 3 is 0.3, then its place value is ..... .
7. The smallest number that can be formed from the digits (3, 9, 0, 5) up to the Thousandths is ..... .
8. 0.523 = ... thousandths, ... hundredths, ... tenths.
9. ..... = 7 tenths, 9 thousandths.
10. The value of 9.25 increased when multiplying by 10 to ..... .
11. The value of ..... increased when multiplying by 10 to 8.57.
12. The value of 0.25 decreased when dividing by 10 to ..... .
13. The value of ..... decreased when dividing by 10 to 24.8.
14. 893 ÷ 10 = ...
15. 6.38 ÷ 10 = ...
16. ..... ÷ 10 = 2.7
17. 458.36 X 10 = ...
18. ..... X 10 = 25
19. 200 + 30 + 5 + 0.48 = ...
20. 8,258.36 = 8,000 + 200 + 50 + 8 + ...
21. 95.905 = ... (**in expanded form**)
22. 0.258 ≈ ..... (**To the nearest one decimal place**)

23 45.269 ≈ ..... (**To the nearest 0.01**)

24 0.909 ≈ 1 (**To the nearest** .....)

25 56.28 X 10 = ... ≈ ..... (**To the nearest whole number**)

26 The benchmark decimal closest to 0.99 is ..... .

27 The estimate of the sum of 56.36 + 57.63 using rounding to the nearest 0.1 strategy is ..... .

28 15 Hundredths + 37 Hundredths = ... Hundredths.

29 5 Tenths + ... Hundredths = 560 Thousandths.

30 The estimate of 10.893 – 9.75 using rounding to the nearest 0.01 strategy is ..... .

31 The estimate of the sum of 75.23 – 9.25 using **Front-End Estimation** strategy is ..... .

32 7 Tenths – ..... Hundredths = 650 Thousandths.

33 ..... – 12.5 = 35.73

34 If 2.5 + 3.5 + **y** = 16, then **y** = ...

35 If 10.5 – 2.5 = **a** – 8, then **a** = ...

36 If **e** = 17.102, then **e** – 11.102 = ...

37 The number of factors of a prime number is .....factors.

38 All prime numbers are odd numbers, except ..... which is an even number.

39 ..... is the smallest prime number.

40 ..... is the smallest odd prime number.

41 ..... is a number greater than one and has only two factors.

42 The number of factors of 25 is ..... factors.

43 The prime factors of 21 are ..... .

44 The number whose prime factors are 2, 3, 3 is ..... .

45 If **y** = 2 X 2 X 2 X 2, then **y** = ...

46 The factors of **27** are ..... .

47 The prime factors of **26** are ..... .

48 The greatest common factor of **7** and **14** is ..... .

Second: Choose the correct answer:

1 Seven milliard, fifty thousand and seven hundredths = ...

(7,050.07 or 7,000,050.07 or 7,000,050,000.07 or 7,050,000,000.07)

2 56,000,500.035 (**in word form**): ..... .

(fifty-six thousand, five hundred and and thirty-five thousandths

or fifty-six million, five hundred and thirty-five thousandths

or fifty-six million, five hundred thousand and thirty-five thousandths

or fifty-six million, five hundred thousand and thirty-five hundredths)

3 The place value of 5 in **5**28,239.247 is ..... .

(Hundred Millions or Hundred Thousands or Hundreds or Hundredths)

4 The value of 0 in 247,369.2**0**5 is ..... . (0.001 or 0.01 or 0.1 or 0)

5 If the value of 7 is 0.7, then its place value is ..... .

(Tenths or Ones or Tenths or Hundredths)

6 If the place value of 3 is Thousandths, then its value is ..... .

(0.003 or 0.03 or 0. or 3,000)

7 $4\frac{45}{100}$ = ... (4.45 or 445 or 4.045 or 45.4)

8 2.053 = ... ($2\frac{53}{10}$ or $2\frac{53}{100}$ or $2\frac{53}{1,000}$ or $\frac{253}{1,000}$)

9 The number of Tenths in 0.386 is ..... parts. (3 or 30 or 83 or 386)

10 6 hundredths = ... (6 or 0.60 or 0.060 or 0.006)

11 6 tenths, 9 thousandths = ... (0.609 or 0.069 or 6.009 or 0.906)

12 The value of ..... increased when multiplying by 10 to 25.26.

(25.26 or 252.6 or 2.526 or 2,526)

13 The value of ..... decreased when dividing by 10 to 0.026.

(0.026 or 0.26 or 2.6 or 26)

14 ..... X 10 = 258 (2580 or 258 or 25.8 or 2.58)

15 45 X 10 = ... (450 or 0.45 or 4.5 or 40.5)

16 When all digits of a number move one place to the ....., its value decreases. (right or left or other)

17 23 + 0.02 + 0.003 = ... (2,302,00 or 2,323 or 23.023 or 23.23)

18 56.5 X 10 565 ÷ 10 (< or = or > or ≤)

19 56 < ..... < 57 (562 or 57.3 or 5.6 or 56.02)

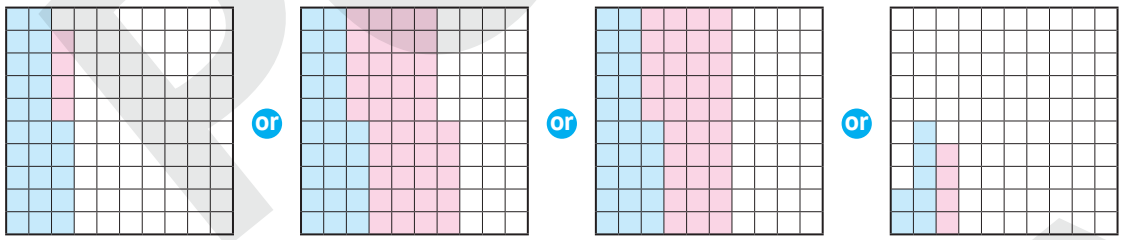
20 ..... ≈ 2.5 (To the nearest 0.1)

(2.445 or 2.456 or 0.563 or 2.05)

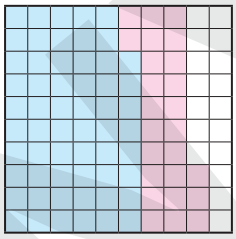
21 56.298 ≈ 56.30 (**To the nearest** .....)

(100 or 10 or 0.01 or whole number)

22 The model representing the addition problem 0.25 + 0.4 is .....



23 The addition problem that represents the opposite model is ..... .



(0.58 + 2.5 or 5.8 + 0.25 or 5.8 + 2.5 or 0.58 + 0.25)

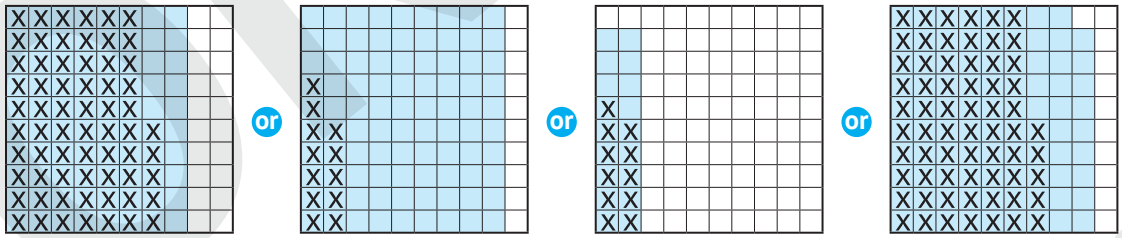
24 The benchmark decimal closest to 2.01 is ..... .

(1 or 1.5 or 2 or 2.5)

25 4 Tenths + 3 Thousandths = ... Thousandths.

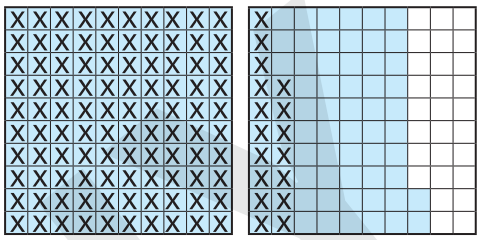
(0.403 or 7 or 43 or 403)

26 The model representing the subtraction problem 0.8 – 0.65 is .....



27 The subtraction problem that represents the opposite model is ..... .

(1.72 – 0.17 or 1.72 – 1.7 or 1.72 – 1.17 or 172 - 117)



28 The estimate of 25.368 – 5.247 using rounding to the nearest 0.1 strategy is ..... .

(20 or 20.2 or 20.12 or 25.121)

29 12.78 – ..... = 8.8

(3.98 or 21.58 or 11.9 or 13.66)

30 25 + 5.7 X 2 is a/an ..... .

(variable or mathematical expression or equation or other)

31 8 + x – 7 = 6.7 is a/an ..... .

(variable or mathematical expression or equation or other)

32 "Walaa has 1.25 kg of pistachios." is a/an ..... .

(variable or mathematical expression or equation or other)

33 The equation that represents "a minus 12 equals 7.5." is ..... .

(a – 12 = 7.5 or 12 – a = 7.5 or 7.5 – a = 12 or 12 – 7.5 = a)

34 In the equation 45 – m = 25, if 45 represents the number of students in one of the classes and 25 represents the number of girls in this class, then the variable m represents the ..... .

(number of girls or number of boys or number of students or number of teachers)

35 If the dimensions of a rectangle are 5.5 cm and 7.2 cm, then the variable "**p**" in the equation 7.2 + 5.5 + 7.2 + 5.5 = **p** represents the .... (length or width or perimeter or area)

36 If 63.5 + **m** = 108.5, then **m** = ... (45 or 172 or 45.5 or 171.5)

37 If 3.45 + **y** = 7.13 + 2.15, then **y** = ... (9.28 or 3.68 or 12.73 or 5.83)

38 The bar model that expresses the equation x + 3.5 = 11.3 is ....

(

11.3	
x	3.5

or

11.3	
8	**x**

or

x	
3.5	11.3

or

11.3	
x	8

)

39 The equation that expresses the corresponding bar model is ....

3.8	
y	2.7

(y + 2.7 = 3.8 or y – 2.7 = 3.8 or y – 3.8 = 2.7 or y + 3.8 = 2.7)

40 .... is a factor of all numbers. (0 or 1 or 2 or 3)

41 .... is a prime number. (51 or 52 or 57 or 59)

42 The prime number .... (has no factors or has one factor only or has two factors only or has three factors only)

43 .... is a factor of 24. (14 or 18 or 17 or 12)

44 The numbers 2, 3, 5, 7 are .... numbers . (even or odd or prime or composite)

45 If the factors of a number are 1, 2, 3, 6, then its prime factors are .... (1 X 6 or 1 X 2 or 2 X 3 or 2 X 6)

46 If the prime factors of a number are 2 X 2 X 2, then the number is .... (8 or 4 or 6 or 222)

47 The prime factors of **16** are .... (2X8 or 2X2X4 or 4X4 or 2X2X2X2)

48 The **greatest common factor** of any two prime numbers is .... (the largest number or the smallest number or one or zero)

49 The **greatest common factor** of 28 and 14 is .... (7 or 2 or 28 or 14)

Revision

50 The **common** factor of two numbers are 1, 2, 3, 6, then the **GCF** for these two numbers is ..... . (36 or 6 or 12 or 16)

51 ..... is a multiple of **9**. (19 or 6 or 3 or 27)

52 **14** is a multiple of ..... . (4 or 7 or 21 or 28)

53 The common multiple of all numbers is ..... . (1 or 2 or 3 or 0)

54 The LCM of **8** and **10** is ..... . (10 or 80 or 8 or 40)

55 ..... is a number that has more than one set of factor pairs
(Prime number or Factor or Multiple or Composite number)

56 ..... is the number that is **multiplied** by another number to get the product.(Prime number or Factor or Multiple or Composite number)

57 Counting by jumping is a way to find the ..... of a number.
(sum or factors or multiples or other)

58 The least common multiple of **two** numbers, one of which is a factor of the other is ..... . (the largest number or the smaller number or the product of the two numbers or the sum of the two numbers)

Third: Match:

a

1 78 X 10	a 7.8
2 78 ÷ 10 = ...	b 70.8
3 70 + 0.8 = ...	c 780
4 7 + 0.08 = ...	d 70.08
5 70 + 0.08 = ...	e 7.08

b

1 The difference between 18.5 **and** 12.5	a **a** = 18.5 + 12.5
2 The sum of 18.5 **and** 12.5	b **a** = 18.5 – 12.5
3 12.5 **plus** a number equals 18.5	c 18.5 – **a** = 12.5
4 18.5 **minus** a number equals 12.5	d **a** + 12.5 = 18.5
5 A number **plus** 12.5 equals 18.5	e 12.5 + **a** = 18.5

Fourth: Complete using (<, = or >):

1. 456.25 ____ 45.625
2. 42.9 ____ 42.900
3. 8.5 X 10 ____ 85 ÷ 10
4. 90.05 ____ 900.5
5. 107.05 ____ One hundred, seventy-five hundredths
6. 85.03 ____ 80 + 5 + 0.03
7. 800,008.3 ____ Eight hundred, eight thousand and three tenths
8. 75 + 0.05 ____ 75.50
9. 400 + 4 + 0.4 + 0.004 ____ Four hundred four and four hundred forty thousandths
10. 700,050,005.50 ____ Seven hundred million, fifty thousand, five and fifty hundredths

Fifth: Arrange the following numbers:

1. 56.25 , 56.52 , 56.025 , 56.502 , 56.052 **(Ascendingly)**

..... < ..... < ..... < ..... < .....

2. 6.005 , 5.006 , 50.06 , 60.05 , 5.060 **(Descendingly)**

..... > ..... > ..... > ..... > .....

Sixth: Find the result:

1. 56.458 + 7.58 = ...
2. 483.258 + 736.27 = ...
3. 70.4 − 9.59 = ...
4. 523.147 − 92.57 = ...
5. 39.56 + 245.36 = ...
6. 638.47 + 56,324.98 = ...
7. 900.25 − 56 = ...
8. 39.56 − 24.36 = ...

Seventh: **Find the factors of each of the following numbers using the method you prefer:**

1 12

The factors of **12** are:

.....

.....

2 24

The factors of **24** are:

.....

.....

3 30

The factors of **30** are:

.....

.....

Eighth: **Factorize each number into its prime factors using the factor tree:**

1 16

16 = ...

2 18

18 = ...

3 32

32 = ...

Ninth: **Answer the following:**

1 a List the first 7 multiples of 6: ..... .

b List the first 7 multiples of 4: ..... .

c The common multiples of 6 and 4 of those you listed: ..... .

d The least common multiple of the two numbers is ..... .

2 a List the first 10 multiples of 2: ..... .

b List the first 5 multiples of 6: ..... .

c List the first 8 multiples of 8: ..... .

d The common multiples of 2, 6 and 8 of those you listed: ..... .

e The least common multiple of the numbers is ..... .

Tenth: Put (✓) in front of the correct statement, and (✗) in front of the wrong statement:

1. 17 is a prime number. ( )
2. 22 is a composite number. ( )
3. The prime number whose sum of factors is 8 is 7. ( )
4. The smallest prime number is 1. ( )
5. All prime numbers are odd numbers. ( )
6. 4 is a prime number because it has more than two factors. ( )
7. The smallest even prime number is 2. ( )
8. The smallest odd prime number is 3. ( )
9. 2, 2 and 5 are the prime factors of 10. ( )

Eleventh: Find the GCF and LCM for each of the following:

1. **12, 16**

12 = ...

16 = ...

GCF = ... = ...

LCM = ... = ...

2. **18, 12**

18 = ...

12 = ...

GCF = ... = ...

LCM = ... = ...

3. **21, 14**

21 = ...

14 = ...

GCF = ... = ...

LCM = ... = ...

4. **24, 36**

24 = ...

36 = ...

GCF = ... = ...

LCM = ... = ...

Twelveth: Answer the following:

a **Use the digits (8, 5, 7) and form the smallest decimal number up to the Hundredths, then multiply the result by 10, and complete:**

Whole Number						Decimal Point	Decimals		
Thousands			Ones						
Hundreds	Tens	Ones	Hundreds	Tens	Ones		Tenths	Hundredths	Thousandths
						.			
						.			

1 The value of ..... (increased/decreased) when multiplying by 10 from ..... to ..... .

2 The value of ..... (increased/decreased) when multiplying by 10 from ..... to ..... .

3 The value of ..... (increased/decreased) when multiplying by 10 from ..... to ..... .

4 Therefore, the value of the whole number ..... (increased/decreased) by a factor of **10** from ..... to ..... , **so** ..... X ..... = ...

b Malak wants to cycle **40** km in a week. By Thursday, Malak had covered **34.99** km, and on Friday she had covered **4.01** km.

Did Malak achieve her goal or not? (Show your answer)

.....

..... .

c Mohamed had **15,000** pounds. He bought a refrigerator for **7,520.25** pounds, and a washing machine for **5,640.5** pounds. How many pounds does Mohamed have left?

.....

..... .

d Read the following story problems. Make an equation for each problem:

1 A classroom in a school has **21** girls and **15** boys.

How many students are there in this class?

.....

.....

2 Two numbers whose sum is **255** and one of them is **107.5**. What is the other number?

.....

.....

e Mohamed trains to lift weights every **4** days and trains for tennis every **6** days. After how many days will Mohamed play tennis and lift weights on the same day?

.....

.....

.....

.....

f Omnia has two strips of fabrics. One is **45** centimeters wide, and the other is **75** cm wide. She wants to cut both pieces into strips of equal width that are as wide as possible. How wide should she cut the strips?

.....

.....

.....

.....

Guide Answers — Mathematics Exercises for October Syllabus

First

1 6,000,070,096.005
2 Forty-five million, twenty-five thousand, three and thirty-six hundredths.
3 Tenths, 0.6 | 4 0, 0 | 5 0.09
6 Tenths2 | 7 0.359 | 8 3, 2, 5
9 0.709 | 10 92.5 | 11 0.857
12 0.025 | 13 248 | 14 89.3
15 0.638 | 16 27 | 17 4,583.6
18 2.5 | 19 235.48 | 20 0.36
21 90 + 5 + 0.9 + 0.005 | 22 0.3
23 45.27 | 24 whole number
25 562.8 ≈ 563 | 26 1 | 27 114
28 52 | 29 6 | 30 1.14
31 61 | 32 5 | 33 48.23
34 10 | 35 16 | 36 6
37 2 | 38 2 | 39 2
40 3 | 41 Prime number | 42 3
43 3, 7 | 44 18 | 45 16
46 1, 3, 9, 27 | 47 2 X 13 | 48 7

Second

1 7,000,050.000.07
2 fifty-six million, five hundred and thirty-five thousandths
3 Hundred Thousands | 4 0
5 Tenths | 6 0.003 | 7 4.45
8 $2\frac{53}{1,000}$ | 9 3 | 10 0.060
11 0.609 | 12 2.526 | 13 0.26
14 25.8 | 15 450 | 16 right
17 23.023 | 18 > | 19 56.02
20 2.456 | 21 0.01
22 Second model | 23 0.58 + 0.25 | 24 2
25 403 | 26 First model
27 1.72 – 1.17 | 28 20.2 | 29 3.98
30 mathematical expression
31 equation | 32 other
33 a – 12 = 7.5 | 34 number of boys
35 perimeter | 36 45 | 37 5.83
38 First bar model | 39 y + 2.7 = 3.8 | 40 1
41 59 | 42 has two factors only
43 12 | 44 prime | 45 2 X 3
46 8 | 47 2 X 2 X 2 X 2 | 48 one
49 14 | 50 6 | 51 27
52 7 | 53 0 | 54 40
55 Composite number | 56 Factor
57 multiples | 58 the largest number

Third

a 1 → c | 2 → a
3 → b | 4 → e | 5 → d
b 1 → b | 2 → a | 3 → e
4 → c | 5 → d

Fourth

1 > | 2 = | 3 >
4 < | 5 > | 6 =
7 < | 8 < | 9 <
10 =

Fifth

1 56.025 < 56.052 < 56.25 < 56.502 < 56.52
2 60.05 > 50.06 > 6.005 > 5.060 > 5.006

Sixth

1 64.038 | 2 1,219.528 | 3 60.81
4 430.577 | 5 284.92
6 56,963.45 | 7 844.25 | 8 15.2

Seventh

1 1 , 2 , 3 , 4 , 6 , 12
2 1 , 2 , 3 , 4 , 6 , 8 , 12 , 24
3 1 , 2 , 3 , 5 , 6 , 10 , 15 , 30

Eighth

1 2 X 2 X 2 X 2 2 2 X 3 X 3

3 2 X 2 X 2 X 2 X 2

Ninth

1 a 0, 6, 12, 18, 24, 30, 36

b 0, 4, 8, 12, 16, 20, 24 c 0, 12, 24

d 12

2 a 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26

b 0, 6, 12, 18, 24

c 0, 8, 16, 24, 32, 40, 48, 56

d 0, 24 e 24

Tenth

1 ✓ 2 ✓ 3 ✓

4 ✗ 5 ✗ 6 ✗

7 ✓ 8 ✓ 9 ✗

Eleventh

1 GCF = 4, LCM = 48 2 GCF = 6, LCM = 36

3 GCF = 7, LCM = 42 4 GCF = 12, LCM = 72

Twelveth

a 1 5 , increased , 5 , 50

2 7 , increased , 0.7 , 7

3 8 , increased , 0.08 , 0.8

4 5.78 , increased , 5.78, 57.8,

5.78 X 10 = 57.8

b 34.99 + 4.01 = 39.00 < 40

No, Malak didn't achieve her goal.

c 7,520.25 + 5,640.5 = 13,160.75 pounds.

15,000 – 13,160.75 = 1,839.25 pounds.

d 1 15 + 21 = **x** 2 **x** = 12.5 + 65.5

e 12 days

f 15 cm

October Questions Bank

Question 01 choose the correct answer

1. 4.9996 to the nearest thousandths is .....
   (a) 4.9910 (b) 2.59 (c) 5 (d) 4.999
2. The common factor of all numbers is .....
   (a) 0 (b) 2 (c) 1 (d) 10
3. Which of the following is an Expression ?
   (a) 7.5 + 3.2 = k (b) 7.25 + 2.12 = 9.36 (c) 12.4 - 3.9 (d) k + 2.5 = 5.5
4. 12.5 increased by a number is 15 . The Equation is .....
   (a) 12.5 +15 = x (b) 12.5 + x =15 (c) 15 + x =12.5 (d) 15 – x =12.5
5. The number 10 has ..... Factors
   (a) 4 (b) 3 (c) 2 (d) 5
6. 9.14 x 100 is .....
   (a) 91.4 (b) 91400 (c) 914 (d) 9
7. .....is one of the factors of 16
   (a) 6 (b) 8 (c) 9 (d) 5
8. 80 + 5 + 0.01 + 0.003 = ...
   (a) 85.103 (b) 85.013 (c) 83.013 (d) 85.13
9. 200 + 80 + 8 + 0.4 is .....
   (a) 280 (b) 288.5 (c) 288.4 (d) 289
10. All of them are prime numbers except .....
    (a) 2 (b) 3 (c) 5 (d) 1
11. $\frac{213}{1000}$ = ...
    (a) 0.213 (b) 3.12 (c) 1.23 (d) 213
12. 45.235 to the nearest hundredths is .....
    (a) 24 (b) 45.23 (c) 45.24 (d) 0.24
13. h - 45.23 = 96.1
    (a) 50.87 (b) 141.33 (c) 45.21 (d) h

14 The common multiple of all numbers is .....
(a) 0 (b) 1 (c) 10 (d) 2

15 which number could be rounded to 2.68 ?
(a) 0.681 (b) 2.675 (c) 2.689 (d) 0.675

16 The place value of the digit 4 in 68.423 is .....
(a) 0.4 (b) tenths (c) 0.04 (d) tens

17 The value of the digit 8 in 674.483 is .....
(a) 80 (b) 8 (c) 0.08 (d) 0.800

18 The value of the digit 0 in 63.408 is .....
(a) 63.0 (b) 0.40 (c) 0 (d) 63.40

19 Fifty three and five hundred fourteen thousandths is .....
(a) 53.415 (b) 514.93 (c) 53.514 (d) 35.514

20 67 × 10 = ...
(a) 6.7 (b) 7.6 (c) 670 (d) 67

21 321.1 + 187.12 = ...
(a) 508.22 (b) 228.52 (c) 508.02 (d) 508

22 0.832 to the nearest whole number is .....
(a) 3 (b) 2 (c) 1 (d) 4

23 45.21 ÷ 100 = ...
(a) 4521 (b) 4.521 (c) 0.4521 (d) 452.1

24 0.35 + 0.58 = ...
(a) 0.39 (b) 1.39 (c) 0.93 (d) 0.95

25 in 56.2 + x = 98 , the variable is .....
(a) 41.8 (b) 5.6 (c) x (d) 4

26 m + 3.5 = 8.92 , then m = ...
(a) 12.42 (b) 12 (c) 5.42 (d) 5

27 The number whose prime factors are 2 , 3 and 5 is .....
(a) 16 (b) 30 (c) 24 (d) 15

28 53.77 - 12.63 =.....
(a) 41.14 (b) 14.41 (c) 4.41 (d) 41.4

29 prime numbers has only ..... Factors
(a) 5 (b) 2 (c) 1 (d) itself

30 6.2 x 1000 = ...
(a) 62 (b) 0.62 (c) 6200 (d) 62000

31 15 is an ..... Number
(a) prime (b) even (c) odd (d) Decimal

32 15.2 + n is a\an .....
(a) expression (b) equation (c) neither (d) All of them

33 The place value of the digit 3 in 124.123 is .....
(a) tenths (b) Hundredths (c) thousands (d) thousandths

34 Seventy eight and seventy eight thousandths is .....
(a) 87.87 (b) 78.78 (c) 78.078 (d) 78078

35 120.21 ÷ ..... = 1.2021
(a) 10 (b) 100 (c) 1000 (d) 1

36 312 ÷ ..... = 321
(a) 10 (b) 100 (c) 1000 (d) 1

37 Estimate the sum using benchmark strategy 17.01 + 32.941
(a) 50 (b) 60 (c) 40 (d) 1

38 7.12 - ..... = 2.32
(a) 5.20 (b) 4.8 (c) 9.44 (d) 48

39 GCF of 5 and 7 is .....
(a) 5 (b) 7 (c) 1 (d) 35

40 LCM of 3 and 2 is .....
(a) 6 (b) 2 (c) 3 (d) 1

41 The smallest prime number is .....
(a) 0 (b) 1 (c) 2 (d) 3

42 The smallest odd prime number is .....
(a) 0 (b) 1 (c) 2 (d) 3

43 2,3 and 5 are the prime factors of .....
(a) 30 (b) 5 (c) 6 (d) 60

44 m – 65.21 = 50 , the value of m is .....
(a) 15.21 (b) 115.21 (c) 65.21 (d) 50

Question 02 complete

1. 345 ÷ 10 = ...
2. The multiples of 4 between 21 and 35 are .....
3. 34.214 = ...+.....
4. 18 has ..... Factors
5. six hundred two and thirty four thousandths in standard form is .....
6. the factors of 14 is .....
7. 324 thousandths + 476 thousandths = ... Tenths
8. 32.014 x 100 = ...
9. the benchmark of 0.9 is .....
10. the benchmark of 0.199 is .....
11. 452.3 ÷ 1000 = ...
12. 999.9 - 99.99 = ...
13. Esraa had 4.51 L.E , Mahmoud give her some money else , now she have 6.204 L.E . Write the equation of what Esraa has.....
14. 2.101 = ... + ... + ...
15. Solve : m - 65.32 = 21.36 .....
16. 4,207.03 + 8929.8 = ...
17. The product of 2 , 2 , 2 , 3 is .....
18. The place value of 1 in the number 12.36 is .....
19. The smallest prime number is .....
20. 3 tenths = ... hundredths = ... Thousandths
21. The first 5 multiples of 6 is .....
22. 45.213 in unit form is .....
23. GCF of any two different prime number is .....
24. 63 hundredths + 8 thousandths + 3 hundredths = ...
25. The prime numbers between 20 and 30 are .....
26. 15.46 = 10 + 5 + 0.4 + ...
27. 85.134 - 59.076 = ...

28. the smallest odd number is .....
29. the prime factors of 14 is .....
30. the only even prime number is .....
31. the L.C.M of 4 and 6 is .....
32. GCF of a two same prime number is .....
33. 456.23 read as .....
34. 99.99 to the nearest whole number is .....
35. 23 x 1000 = ...
36. In the equation R + 2.25 = 1.2 + 4.3 the value of R is .....
37. ..... Is the G.C.F of 12 and 16 .
38. In 2,754.236 , the digit in the thousandths place is .....
39. 0.25 ÷ 100 = ...
40. 0.25 x 100 = ...
41. 2.1 x 1000 = ...
42. 38 ÷ .....= 3.8
43. The value of the number 140 is increased by a factor of 10 to .....
44. 320.472 = ... (to the nearest tenth)
45. 320.472 = ... (to the nearest hundredths)
46. 320.472 = ... (to the nearest hundreds)
47. 12 thousandths + 14 thousandths = ...

Question 03 compare using (< , > or =)

1	1.9 - 0.78	.....	1.9 - 0.7
2	$7\frac{1}{4}$	.....	7.26
3	2.5 x 100	.....	25 x 10
4	0.05	.....	0.005
5	0.999	.....	1.009
6	16.300	.....	16.3
7	$\frac{6230}{100}$	.....	62.3

8	0.1 - 0.09	.....	1 - 0.9
9	13.010	.....	$13\frac{9}{10}$
10	3.7 + 0.8	.....	4.1 + 0.4
11	6.4 + 2.3	.....	7.2 +1.4
12	0.16	.....	16 hundredths
13	2 + 8 + 0.4	.....	1 + 9 + 0.2 + 0.2
14	$\frac{3}{4}$	.....	0.62
15	1 + 0.3	.....	1 + 0.302
16	56 + 0.03	.....	56.007
17	10.011	.....	10.1
18	98.101	.....	98.013
19	30.2	.....	29.9
20	$\frac{600}{1000}$	.....	$\frac{60}{100}$
21	50.785 ÷ 100	.....	50.785 x 100
22	9.5	.....	9.05
23	8 thousandths	.....	0.008
24	218 x 10	.....	2180 ÷100

Question 04 Answer the following

1. Aliaa bought some goods for 6,542.321 LE and sold them for 6,431.21 LE . Find her loss .

.....

2. Mahmoud and Esraa went on a fishing trip to lake Naser . They each caught a huge fish . Mahmoud's fish weighed 42.31 kg and the sum of them is 98.65 kg . What is the weight of Esraa's fish ? (write the equation)

.....

3. when m = 53.218 and e = 64.61 . Estimate the sum of them and then write the actual sum .

.....

4. find the greatest common factor of 16 and 18 . By using factorization.

.....

5. The length of Noha is 1.06 m and Fatema is taller than her by 0.35 m . Find the length of Fatema .

.....

6. Mr. Mahmoud Elkholy is planning a trip from Mansoura to Cairo . He will travel 143.995 km . Round the distance to the nearest hundredths .

.....

7. find the smallest common multiple of 4 , 12 and 8 . By using factorization

.....

8. If a farmer can lift 99.99 Liters of water a minute in his shadoof . About how many liters can he lift in 5 minutes .

.....

9. IF the sum of two numbers is 65.324 and one of them is 4.21 find the other Number . (write equation)

.....

10. Amira saved 144 LE daily , How much does she has after 100 day ?

.....

11. Mohamed had 65.123 pounds , he bought a pen for 6.8 pounds . How much money with him now ?

.....

12. Arrange ascendingly :
54.14 , 45.14 , 54.41 , 45.41 , 65 , 1.9999

.....

13. Decompose the number 170.023 using expanded form

.....

انتهت الأسئلة مع اطيب الامنيات بالنجاح والتوفيق

Answers

October Questions Bank

Question 01 choose the correct answer

1. 4.9996 to the nearest thousandths is .....
   (a) 4.9910 (b) 2.59 (c) 5 (d) 4.999
2. The common factor of all numbers is .....
   (a) 0 (b) 2 (c) 1 (d) 10
3. Which of the following is an Expression ?
   (a) 7.5 + 3.2 = k (b) 7.25 + 2.12 = 9.36 (c) 12.4 - 3.9 (d) k + 2.5 = 5.5
4. 12.5 increased by a number is 15 . The Equation is .....
   (a) 12.5 +15 = x (b) 12.5 + x =15 (c) 15 + x =12.5 (d) 15 – x =12.5
5. The number 10 has ..... Factors
   (a) 4 (b) 3 (c) 2 (d) 5
6. 9.14 x 100 is .....
   (a) 91.4 (b) 91400 (c) 914 (d) 9
7. .....is one of the factors of 16
   (a) 6 (b) 8 (c) 9 (d) 5
8. 80 + 5 + 0.01 + 0.003 = ...
   (a) 85.103 (b) 85.013 (c) 83.013 (d) 85.13
9. 200 + 80 + 8 + 0.4 is .....
   (a) 280 (b) 288.5 (c) 288.4 (d) 289
10. All of them are prime numbers except .....
    (a) 2 (b) 3 (c) 5 (d) 1
11. $\frac{213}{1000}$ = ...
    (a) 0.213 (b) 3.12 (c) 1.23 (d) 213
12. 45.235 to the nearest hundredths is .....
    (a) 24 (b) 45.23 (c) 45.24 (d) 0.24
13. h - 45.23 = 96.1
    (a) 50.87 (b) 141.33 (c) 45.21 (d) h

14 The common multiple of all numbers is .....
(a) 0 (b) 1 (c) 10 (d) 2

15 which number could be rounded to 2.68 ?
(a) 0.681 (b) 2.675 (c) 2.689 (d) 0.675

16 The place value of the digit 4 in 68.423 is .....
(a) 0.4 (b) tenths (c) 0.04 (d) tens

17 The value of the digit 8 in 674.483 is .....
(a) 80 (b) 8 (c) 0.08 (d) 0.800

18 The value of the digit 0 in 63.408 is .....
(a) 63.0 (b) 0.40 (c) 0 (d) 63.40

19 Fifty three and five hundred fourteen thousandths is .....
(a) 53.415 (b) 514.93 (c) 53.514 (d) 35.514

20 67 × 10 = ...
(a) 6.7 (b) 7.6 (c) 670 (d) 67

21 321.1 + 187.12 = ...
(a) 508.22 (b) 228.52 (c) 508.02 (d) 508

22 0.832 to the nearest whole number is .....
(a) 3 (b) 2 (c) 1 (d) 4

23 45.21 ÷ 100 = ...
(a) 4521 (b) 4.521 (c) 0.4521 (d) 452.1

24 0.35 + 0.58 = ...
(a) 0.39 (b) 1.39 (c) 0.93 (d) 0.95

25 in 56.2 + x = 98 , the variable is .....
(a) 41.8 (b) 5.6 (c) x (d) 4

26 m + 3.5 = 8.92 , then m = ...
(a) 12.42 (b) 12 (c) 5.42 (d) 5

27 The number whose prime factors are 2 , 3 and 5 is .....
(a) 16 (b) 30 (c) 24 (d) 15

28 53.77 - 12.63 =.....
(a) 41.14 (b) 14.41 (c) 4.41 (d) 41.4

29 prime numbers has only ..... Factors
(a) 5 (b) 2 (c) 1 (d) itself

30 6.2 x 1000 = ...
(a) 62 (b) 0.62 (c) 6200 (d) 62000

31 15 is an ..... Number
(a) prime (b) even (c) odd (d) Decimal

32 15.2 + n is a\an .....
(a) expression (b) equation (c) neither (d) All of them

33 The place value of the digit 3 in 124.123 is .....
(a) tenths (b) Hundredths (c) thousands (d) thousandths

34 Seventy eight and seventy eight thousandths is .....
(a) 87.87 (b) 78.78 (c) 78.078 (d) 78078

35 120.21 ÷ ..... = 1.2021
(a) 10 (b) 100 (c) 1000 (d) 1

36 312 ÷ ..... = 321
(a) 10 (b) 100 (c) 1000 (d) 1

37 Estimate the sum using benchmark strategy 17.01 + 32.941
(a) 50 (b) 60 (c) 40 (d) 1

38 7.12 - ..... = 2.32
(a) 5.20 (b) 4.8 (c) 9.44 (d) 48

39 GCF of 5 and 7 is .....
(a) 5 (b) 7 (c) 1 (d) 35

40 LCM of 3 and 2 is .....
(a) 6 (b) 2 (c) 3 (d) 1

41 The smallest prime number is .....
(a) 0 (b) 1 (c) 2 (d) 3

42 The smallest odd prime number is .....
(a) 0 (b) 1 (c) 2 (d) 3

43 2,3 and 5 are the prime factors of .....
(a) 30 (b) 5 (c) 6 (d) 60

44 m – 65.21 = 50 , the value of m is .....
(a) 15.21 (b) 115.21 (c) 65.21 (d) 50

Question 02 complete

1. 345 ÷ 10 = ...34.5.....
2. The multiples of 4 between 21 and 35 are .....24,28,32.....
3. 34.214 = ...34.....+.....0.214.....
4. 18 has ...6..... Factors
5. six hundred two and thirty four thousandths in standard form is .....602.034.....
6. the factors of 14 is .....1,2,7,14.....
7. 324 thousandths + 476 thousandths = ...8..... Tenths
8. 32.014 x 100 = ...3201.4.....
9. the benchmark of 0.9 is .....1.....
10. the benchmark of 0.199 is .....0.....
11. 452.3 ÷ 1000 = ...0.4523.....
12. 999.9 - 99.99 = ...899.91.....
13. Esraa had 4.51 L.E , Mahmoud give her some money else , now she have 6.204 L.E . Write the equation of what Esraa has.....4.51 + m = 6.204.....
14. 2.101 = ...2..... + ...0.1..... + ...0.001....
15. Solve : m - 65.32 = 21.36 .....m=86.68.....
16. 4,207.03 + 8929.8 = ...13,136.83.....
17. The product of 2 , 2 , 2 , 3 is .....24.....
18. The place value of 1 in the number 12.36 is .....tens.....
19. The smallest prime number is .....2.....
20. 3 tenths = ...30... hundredths = ...300..... Thousandths
21. The first 5 multiples of 6 is .....0,6,12,18,24....
22. 45.213 in unit form is .....4 tens , 5 ones , 2 tenths , 1 hundredths , 3 thousandths .....
23. GCF of any two different prime number is .....1.....
24. 63 hundredths + 8 thousandths + 3 hundredths = ...0.668.....
25. The prime numbers between 20 and 30 are .....23,29.....
26. 15.46 = 10 + 5 + 0.4 + ...0.06.....

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27. 85.134 - 59.076 = ...26.058.....
28. the smallest odd number is .....1.....
29. the prime factors of 14 is .....2 ,7 .....
30. the only even prime number is .....2.....
31. the L.C.M of 4 and 6 is .....12.....
32. GCF of a two same prime number is .....itself.....
33. 456.23 read as .....four hundred fifty six and twenty three hundredths.....
34. 99.99 to the nearest whole number is .....100.....
35. 23 x 1000 = ...23000.....
36. In the equation R + 2.25 = 1.2 + 4.3 the value of R is .....3.25.....
37. .....4..... Is the G.C.F of 12 and 16 .
38. In 2,754.236 , the digit in the thousandths place is .....6.....
39. 0.25 ÷ 100 = ...0.0025.....
40. 0.25 x 100 = ...25.....
41. 2.1 x 1000 = ...2100....
42. 38 ÷ .....10.....= 3.8
43. The value of the number 140 is increased by a factor of 10 to .....1400.....
44. 320.472 = ...320.5..... (to the nearest tenth)
45. 320.472 = ...320.47..... (to the nearest hundredths)
46. 320.472 = ...300..... (to the nearest hundreds)
47. 12 thousandths + 14 thousandths = ...0.26.....

Question 03 — compare using (< , > or =)

1	1.9 - 0.78	<	1.9 - 0.7
2	$7\frac{1}{4}$	<	7.26
3	2.5 x 100	=	25 x 10
4	0.05	>	0.005
5	0.999	<	1.009
6	16.300	=	16.3

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7	$\frac{6230}{100}$	=	62.3
8	0.1 - 0.09	<	1 - 0.9
9	13.010	<	$13\frac{9}{10}$
10	3.7 + 0.8	=	4.1 + 0.4
11	6.4 + 2.3	>	7.2 +1.4
12	0.16	=	16 hundredths
13	2 + 8 + 0.4	=	1 + 9 + 0.2 + 0.2
14	$\frac{3}{4}$	>	0.62
15	1 + 0.3	<	1 + 0.302
16	56 + 0.03	>	56.007
17	10.011	<	10.1
18	98.101	>	98.013
19	30.2	>	29.9
20	$\frac{600}{1000}$	=	$\frac{60}{100}$
21	50.785 ÷ 100	<	50.785 x 100
22	9.5	>	9.05
23	8 thousandths	=	0.008
24	218 x 10	>	2180 ÷100

Question 04 Answer the following

1. Aliaa bought some goods for 6,542.321 LE and sold them for 6,431.21 LE . Find her loss .

   6,542.321 – 6,431.21 = 111.111 LE

2. Mahmoud and Esraa went on a fishing trip to lake Naser . They each caught a huge fish . Mahmoud's fish weighed 42.31 kg and the sum of them is 98.65 kg . What is the weight of Esraa's fish ? (write the equation)

   42.31 + e = 98.65 ⟶ e = 98.65 - 42.31 ⟶ e = 56.34 kg

3. when m = 53.218 and e = 64.61 . Estimate the sum of them and then write the actual sum .

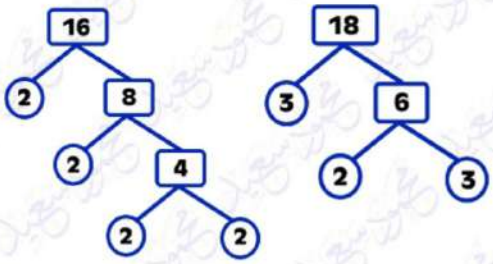
   the estimate = 53 + 65 = 118

   the actual sum = 53.218 + 64.61 = 117.828

find the greatest common factor of 16 and 18 . By using factorization.

④ $16 = 2 \times 2 \times 2 \times 2$
$18 = 2 \times 3 \times 3$

GCF = 2



⑤ The length of Noha is 1.06 m and Fatema is taller than her by 0.35 m . Find the length of Fatema .

1.06 + 0.35 = 1.41 m

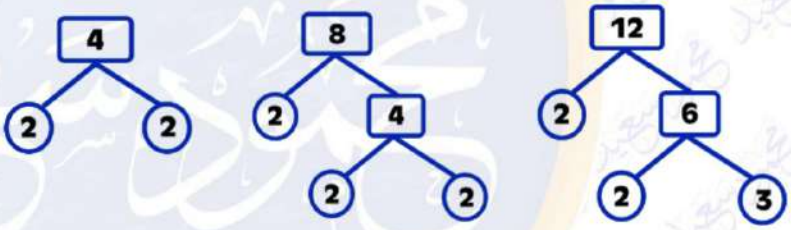
⑥ Mr. Mahmoud Elkholy is planning a trip from Mansoura to Cairo . He will travel 143.995 km . Round the distance to the nearest hundredths .

143.995 Km = 144 km

find the smallest common multiple of 4 , 12 and 8 . By using factorization .

⑦ $4 = 2 \times 2$
$8 = 2 \times 2 \times 2$
$12 = 2 \times 2 \times 3$

LCM = 2 × 2 × 2 × 3 = 24



⑧ If a farmer can lift 99.99 Liters of water a minute in his shadoof . About how many liters can he lift in 5 minutes .

100 x 5 = 500 liters

⑨ IF the sum of two numbers is 65.324 and one of them is 4.21 find the other Number . (write equation)

x + 4.21 = 65.324 ⟶ x = 65.324 - 4.21 ⟶ x = 61.114

⑩ Amira saved 144 LE daily , How much does she has after 100 day ?

144 x 100 = 14,400 LE

⑪ Mohamed had 65.123 pounds , he bought a pen for 6.8 pounds . How much money with him now ?

65.123 – 6.8 = 58.323 pounds

⑫ Arrange ascendingly :

54.14 , 45.14 , 54.41 , 45.41 , 65 , 1.9999

1.9999 , 45.14 , 45.41 , 54.14 , 54.41

⑬ Decompose the number 170.023 using expanded form

100 + 70 + 0.02 + 0.003

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

Q1: Choose the correct answer:

1) In the number 432.519 ,which digit is in the Hundredths place ?
   a. 4 b. 3 c. 5 d. 1
2) Three and seventy-five hundredths = ...
   a. 3.57 b. 3.75 c. 375 d. 35.7
3) The value of digit 4 in the number 3.514 is .....
   a. 4 b. 40 c. 0.04 d. 0.004
4) The place value of digit 3 in the number 35.21 is .....
   a. hundredth b. tens c. ones d. tenths
5) 0.500 = ...
   a. 50 tenths b. five hundred c. five tenths d. five thousandths
6) 0.2 + ... = 7.2
   a. 7 b. 0.7 c. 70 d. 0.07
7) 5.97 x 100 = ...
   a. 5970 b. 597 c. 0.0597 d. 59.7
8) 49.2 ÷ ..... = 0.492
   a. 10 b. 100 c. 1 d. 1000
9) The value of the number ..... decreased by a factor of 10 to 75.28
   a. 752.8 b. 7.528 c. 750.28 d. 75.028
10) The smallest decimal can be formed from (5, 0, 3, 8, 6) is .....
   a. 30865 b. 3.0568 c. 0.3568 d. 0.03568
11) The digit which represents hundredths in the number 52.319 is .....
   a. 5 b. 1 c. 3 d. 9
12) Seventy-one and seventy hundredths = ... (as standard form)
   a. 71.70 b. 70.070 c. 17.70 d. 70.07
13) 20.9 = ...
   a. 20 + 9 b. 200 + 0.9 c. 20 + 0.9 d. 20 + 0.09
14) 45 + 0.05 ..... 45 + 0.50
   a. < b. > c. = d. otherwise
15) 6000 not equal .....
   a. 6 x 1000 b. 60 x 100 c. 600 x 10 d. 600 x 100

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16) 19 hundredths ◯ 19 thousands

a. < b. > c. = d. otherwise

17) 14.1 7 > 14.158

a. 3 b. 4 c. 5 d. 6

18) 7 ones, 7 thousandth ◯ 7.07

a. < b. > c. = d. otherwise

19) Which number could be rounded to 0.58?

a. 0.589 b. 0.57 c. 0.59 d. 0.577

20) 18.58 ≈ ..... (to the whole number)

a. 18.6 b. 19 c. 18.60 d. 18

21) 3.569 ≈ ..... (to the nearest 2 decimal places)

a. 3.7 b. 3.57 c. 4 d. 3.58

22) 3.8□9 ≈ 3.85 (to the nearest Hundredths)

a. 3 b. 4 c. 5 d. 6

23) Which number of the following has 3 tens, 4 ones, 5 tenths .....

a.54.3 b. 3.45 c. 34.5 d. 34.05

24) 5.7698 ≈ 5.770 to the nearest .....

a.tenths b. 0.001 c. 2 decimal digits d. $\frac{1}{100}$

25) The estimate of 34.14 + 9.750 is ..... (using benchmark strategy)

a. 43.800 b. 44 c. 39 d. 43.9

26) 34.971 ≈ ..... (to the nearest 0.1)

a. 34.8 b. 30 c. 34.9 d. 35

27) 3 + 40 + 0.09 + 0.5 ◯ 43.059

a. < b. > c. = d. otherwise

28) The value of digit 6 in thousandth place is .....

a. 6.000 b. 6,000 c. 0.06 d. $\frac{6}{1,000}$

29) 15.8 tenths = 1 + ... + 0.08

a. 5 b. 0.05 c. 0.5 d. 50

30) 0.05 + 0.05 = ...

a. 0.55 b. 0.1 c. 10 d. 5.5

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31) 6 tenths + 4 tenths = ...

a. 1 b. 10 c. 100 d. 1000

32) The bechmark of 0.85 is .....

a. 0.5 b. 1 c. 0 d. 85

33) 71 hundredths + 9 hundredths = ... tenths

a. 88 b. 80 c. 800 d. 8

34) 7 hundredths – 7 thousandths = ... thousandth

a. 0.63 b. 0.063 c. 6.3 d. 0

35) 9.3 – ..... = 8.254

a. 1.146 b. 1.46 c. 1.046 d. 17.554

36) 2.4 > .....

a. 2.4 b. 4.2 c. 1.956 d. 3.5

37) 5 hundredths + 13 thousandth = ...thousandths.

a. 63 b. 18 c. 513 d. 37

38) 7,368 ÷ ..... = 73.68

a. 10 b. 100 c. 1,000 d. 0.10

39) 79.44 ≈ ..... (to the nearest tenths)

a. 80 b. 79 c. 79.4 d. 79.5

40) Seventy-one and seventeen hundredths is the standard form is .....

a. 71.17 b. 701.17 c. 17.70 d. 71.70

41) 3.2 + 4.04 ◯ 7.05 + $\frac{7}{12}$

a. < b. > c. = d. otherwise

42) 2.419 – 1.240 = ...

a. 1.230 b. 1.179 c. 1.239 d. 3.659

43) 33.3 – ..... = 12.008

a. 45.308 b. 45.3 c. 21.292 d. otherwise

44) Which often following doesn't equal four hundred thousandths ?

a. 0.004 b. 0.40 c. 0.4 d. 0.400

45) 3.002 x 10,000 = ...

a. 32,000 b. 300.2 c. 30,020 d. 0.032

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Q2: Complete the following:

1) The place value of digit 5 in the number 35.61 is .....
2) The value of digit 0 in the number 12.03 is .....
3) The largest decimal formed from of the digits (9, 8, 0, 2, 9, 5) is .....
4) The place value of the digit 9 in the number 596,258.27 is .....
5) 75.65 x 10 = ...
6) 83.19 ÷ 10 = ...
7) 200 + 30 + 0.5 + .007 = ...
8) 65 + 0.7 + 0.02 + 0.009 = ...
9) The value of the number 270 is decreased by a factor of 10 To .....
10) ..... ÷ 10 = 45.9
11) The value of any number is increased when dividing by 10: (True or False)
12) 458.025 ≈ ..... (To the nearest hundredth)
13) 459.725 ≈ ..... (To the nearest whole number)
14) 956.285 ≈ ..... . (To the nearest hundred)
15) 45.012 = 45 + ...
16) 50.015 in word form .....
17) 8.002 in word form .....
18) 60.317 in expanded form .....
19) Three and twenty five thousandths in standard form is .....
20) 5 ones, 2 thousandths in standard form is .....
21) 1,482 hundredths = 14 + ...
22) 59 thousandths = 0.009 + ...
23) 70.106 = 70 + 0.1 + ...
24) 20.12□6 ≈ 20.123 (To the nearest thousandths)
25) 5 tenths + 5 thousandths = ... thousandths.

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26) 5 thousandths + 46 hundredths = ... thousandths.

27) 97 thousandths – 49 thousandths = ...

28) 85.34 + ... = 100

29) ..... – 41.41 = 3.8

30) ..... + 3.9 = 6.5

Q3: Answer the following:

1) Mona had 95.5 L.E, She spent 35.75 L.E. Find the remainder with her

2) Write three decimals, if we round each of them to the nearest thousandth becomes 17.36

3) If the sum of two decimal numbers is 40.1 and the smaller number of them is 4.992, what is the greater decimal number ?

4) Decompose the number 60,047 using the expanded form

5) Arrange the following in descending order:

32.141 , 32.414 , 32.14 , 31.999 , 31.99

The order: ....., ..., ..., ..., ...

6) Arrange the following in ascending order:

1.351 , 1.135 , 1.531 , 1.315 , 3.135

The order: ....., ..., ..., ..., ...

7) Hanaa has 200 pounds. She wants to buy a pair of shoes for 99.8 L.E a bag for 45.75 L.E. and a dress for 70.25 L.E

Can she buy all what she wants? why?

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Q1: Choose the correct answer:

1) m + 3.2 = 10.5 is called .....
   a. variable b. equation c. expression d. neither
2) which of the following is a mathematics expression ?
   a. m + 6 = 9 b. 3 + 6 = 9 c. 1.2 + a = 4.5 d. m + 44
3) The mathematicat phrases : 25 + 3.6 = m represents .....
   a. variable b. equation c. expression d. neither
4) The value of [x] in the equation : 2.342 - x = 1.924 is .....
   a. 0.814 b. 0.481 c. 0.841 d. 0.418
5) The composite number in the following numbers is .....
   a. 7 b. 17 c. 15 d. 5
6) The value of the variable x in the equation 9.5 - x = 4.3 is .....
   a. 13.8 b. 2.5 c. 5.8 d. 5.2
7) The only even prime number is .....
   a. 1 b. 0 c. 2 d. 3
8) The LCM of 5 and 6 is .....
   a. 6 b. 5 c. 1 d. 30
9) The common factor of all numbers is .....
   a. 1 b. 0 c. 2 d. 3
10) The GCF of 3 and 7 is .....
   a. 1 b. 0 c. 3 d. 7
11) ..... isn't a prime number.
   a. 1 b. 2 c. 3 d. 7
12) The value of the variable x in the equation: x + 3.5 = 7 is .....
   a. 3.5 b. 10.5 c. 0 d. 5.5
13) By using the bar model: The value of m is .....
   a. 2.8 b. 1.64 c. 1.8 d. 0.36

3.16	
y	2.8

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14) A truck was loaded with 6.112 tons of fruits and vegetables, If the weight of fruits is 2.865 tons , what is the weight of vegetables in tons ?

a. 8.977 d. 7.879 c. 3.247 d. 8.793

15) For the equation:7.325 - x = 4.127, which of the foltowing part-to-whole bar modele is suitable ?

a.

x	
7.325	4.127

d.

4.127	
x	7.325

c.

7.325	
x	4.127

d.

x	
4.127	3.198

16) If 8.24 - y = 3.12, then y = ...

a. 5.12 d. 12.15 c. 11.36 d. 14.12

17) The prime number has ..... factor(s).

a. 3 d. 1 c. 2 d. otherwise

18) 2, 3, and 7 are prime factors of .....

a. 7 d. 6 c. 42 d. 21

19) The factors of 18 are .....

a. 2, 3, 3 d. 18, 9, 2 c. 1, 2, 3, 6, 9, 18 d. 6

20) The prime factors of 18 are .....

a. 2, 3, 3 d. 18, 9, 2 c. 1, 2, 3, 6, 9, 18 d. 6

21) The number 11 has ..... factors.

a. 3 d. 1 c. 2 d. 4

22) The prime number included between 25 and 30 is .....

a. 26 d. 27 c. 28 d. 29

23) The smallest odd prime number is .....

a. 3 d. 1 c. 2 d. otherwise

24) The GCF of 7 and 56 is .....

a. 1 d. 56 c. 7 d. 14

25) 1 and 7 are the common factor of .....

a. 2 and 7 d. 2 and 14 c. 7 and 12 d. 7 and 14

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26) Which of the following has the same greatest common factor as 42 and 12?

a. 9 and 6 d. 8 and 24 c. 16 and 60 d. 18 and 30

27) The GCF of 7 and 9 is .....

a. 7 d. 9 c. 1 d. 0

28) 10 is a multiple of .....

a. 3 d. 4 c. 5 d. 6

29) The LCM of 6 and 10 is .....

a. 60 d. 15 c. 30 d. 45

30) The multiple of any number is .....

a. 0 d. 2 c. 1 d. 3

31) The LCM of 6, 8 and 2 is .....

a. 48 d. 45 c. 80 d. 24

32) The prime factorization of 21 is .....

a. 21 x 1 d. 3 x 7 c. 1, 3, 7 and 21 d. 3 + 7

33) The number ..... is one of multiple of 5

a. 3,215 d. 5,551 c. 10,103 d. 10,004

34) If k - 3.551 = 1.268, then k = ...

a. 2.283 d.4.819 c. 3.514 d. 5.103

35) Which is common multiple of 8 and 6?

a. 8 d. 6 c. 24 d. 32

36) The smallest prime number formed from 2-digit is .....

a. 3 d. 2 c. 11 d. 97

37) The greatest prime number formed from 1-digit is .....

a. 97 d. 9 c. 7 d. 2

38) All the following are composite numbers except?

a. 66 d. 67 c. 68 d. 69

39) 2, 5 and 7 are prime factors of .....

a. 14 d. 35 c. 10 d. 70

40) The smallest prime factor of 42 is .....

a. 3 d. 2 c. 7 d. otherwise

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Q2: Complete the following:

1) The number whose all prime factors are 2,3 and 5 is .....
2) 1is nota prime number because .....
3) The greatest prime factor of the number 28 is .....
4) The smallest prime number is .....
5) The smallest odd prime number is .....
6) The only even prime number is .....
7) The common multiple of all numbers is .....
8) The common factor of all numbers is .....
9) The GCF of any two prime numbers is .....
10) The LCM of any two prime numbers is .....
11) The value of variable y in the equation: 5.9 + y = 13.5 is .....
12) The prime factors of 80 without repetition are .....
13) The value of variable y in the equation: y - 7.3 = 13.5 is .....
14) The Equation of the following bar model

13.6	
6.8	x

is .....
15) The GCF of 3 and 5 is .....
16) The prime factor of 35 are ..... and .....
17) The prime numbers that lying between 20 and 30 are ..... and .....
18) 8.23 + p = 10.24, Then p = ...
19) 2.30 + 3.10 = 1.50 + c, Then c = ...
20) 2.53 + 4.38 + x = 12.76, Then x = ...
21) 3.75 + m + 5.48 is called .....
22) Any number is a multiple of .....
23) The multiples of 5 are the numbers whose ones digit is ..... and .....

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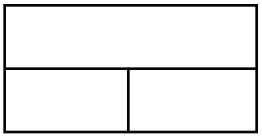
Q3: Answer the following:

1) Murad has 73.25 LE. He spent 10. Find the remainder with him

2) Find value of x in the equation: x - 6.82 = 1.23



3) The weight of Farida is 45.235 kg, and the weight of Mazen is 52.012 kg, Find their weight together.

4) Find the common multiple and GCF of 36 and 24:

Factor of 36: ..... Factor of 24: .....

Common factor: ..... GCF = ...

5) Find GCF and LCM by factorization of 12, 8 and 18:

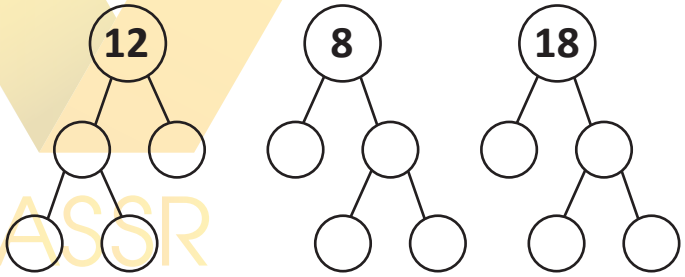
12 = ...

8 = ...

18 = ...

GCF = ...

LCM = ...



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6) If the LCM of two numbers is 36 and their G.C.F is 3, what could be these two numbers?

7) Find the G.C.F of 24, 40 and 56 by factorization method:

Q1: Choose the correct answer:

1) 1
2) 3.75
3) 0.004
4) tens
5) five tenths
6) 7
7) 597
8) 100
9) 752.8
10) 3.0568
11) 1
12) 71.70
13) 20 + 0.9
14) <
15) 600 x 100
16) >
17) 6
18) <
19) 0.577
20) 19
21) 3.57
22) 4
23) 34.5
24) 2 decimal digit
25) 0.001
26) 35
27) >
28) $\frac{6}{1,000}$
29) 0.5
30) 0.1
31) 1
32) 1
33) 8
34) 0.063
35) 1.046
36) 1.956
37) 63
38) 100
39) 79.4
40) 71.17
41) <
42) 1.179
43) 21.292
44) 0.004
45) 30,020

Q2: Complete the following:

1) ones
2) 0
3) 99,850.2
4) ten thousands
5) 756.5
6) 8.319
7) 230.507
8) 65.729
9) 27
10) 459
11) false
12) 458.03
13) 460
14) 1000
15) 0.012
16) fifty and fifteen thousandths
17) eight and two thousandths
18) 60 + 0.3 + 0.01 + 0.007
19) 3.025
20) 5.002
21) 0.82
22) 0.05
23) 0.006
24) 2
25) 205
26) 465
27) 0.048
28) 14.66
29) 45.21
30) 10.4

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Q1: Choose the correct answer:

1) equation
2) m + 44
3) equation
4) 0.418
5) 15
6) 5.2
7) 2
8) 30
9) 1
10) 1
11) 1
12) 3.5
13) 0.36
14) 3.247
15) c
16) 5.12
17) 2
18) 42
19) c
20) 2, 3, 3
21) 2
22) 29
23) 3
24) 7
25) 7 and 14
26) 18 and 30
27) 1
28) 5
29) 30
30) 0
31) 24
32) 3 x 7
33) 3,215
34) 4.819
35) 24
36) 11
37) 7
38) 67
39) 70
40) 2

Q2: Complete the following:

1) 30
2) it has only one factor
3) 7
4) 2
5) 3
6) 2
7) 0
8) 1
9) 1
10) their product
11) 7.6
12) 2, 5
13) 20.8
14) 13.6 - x = 6.8
15) 1
16) 5 and 7
17) 23 and 29
18) 2.01
19) 3.9
20) 5.85
21) Expression
22) itself
23) 5 and 0

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Exam Unit (1)

Name: …….. **Mark:** …… / 25

Grade: 5 **Time:** 45 minutes

1) Choose:

1) The value of the digit 5 in thousandths place is ……

a) 5.000 b) 5,000 c) 0.05 d) $\frac{5}{1{,}000}$

2) 3+ 40 + 0.09 + 0.5 …….. 43.059

a) < b) > c) =

3) Which number of the following has 3 tens, 4 ones, 5 tenths ……

a) 54.3 b) 3.45 c) 34.05 d) 34.5

4) $2\frac{45}{100}$ …….. 24.5 ÷1,000

a) < b) > c) =

5) 34.971 ≈ …….. (to the nearest 0.1)

a) 34.8 b) 30 c) 34.9 d) 35

6) 5.7698 ≈ 5.770 to the nearest ……..

a) Tenths b) 0.001 c) 2 decimal digits d) $\frac{1}{100}$

7) The estimate of 34.14 + 9.750 is …… (using benchmark strategy)

a) 43.800 b) 44 c) 39 d) 43.9

2) Complete:

1) 8 thousandths + 66 hundredths = …… thousandths

2) Sixty seven and ninety five thousandths in expanded form is

……

3) 15.7 Tenths = 1 + ……. + 0.07

4) 34.034 = …….. + ……..

5) 4 ones + 8 thousandths …… 8.004 (<, >, =)

6) 2.56 × 1,000 = ……..

7) $3\frac{7}{10} =$ ……≈…… (to the nearest whole number)

8) 23.19 + 43.81 = ……

3) Find the result:

A) 12 – 3.45 **B) 23.321 + 11.09**

4) Arrang the following from greatest to least:

12.025 , 1.023 , 12.4 , 10.23 , 12.76

……

5) Answer the following:

A) The sum of two numbers is 23.872 one of them is 4.23 find the other number.

……

B) Fares bought 9.8 kilograms of apples, 4.6 kilograms of fig.
Find the total weight of apple and fig together ?

……

C) Ola saved 17.543 pounds and her brother saved 8.5 pounds find the sum they saved.

……

……

8

Name :

Grade 5
Quiz Unit (2)
Time: 15 minutes

Q1 :Answer the following:

1. The smallest prime number is .....
2. Prime number has only ..... factor(s).
3. The prime factor of 18 is .....
4. 1.46 + m = 4.62, Then m = ...
5. a + 6.7 = 9.32 is called ..... (expression - equation - neither)

Find the prime factorization, then find G.C.F for 36 and 42:

42 = ...

36 = ...

G.C.F = ...

36 42

8

Name :

Grade 5
Quiz Unit (2)
Time: 15 minutes

Q1 :Answer the following:

1. The smallest prime number is .....
2. Prime number has only ..... factor(s).
3. The prime factor of 18 is .....
4. 1.46 + m = 4.62, Then m = ...
5. a + 6.7 = 9.32 is called ..... (expression - equation - neither)

Find the prime factorization, then find G.C.F for 36 and 42:

42 = ...

36 = ...

G.C.F = ...

36 42

30

Name :

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Grade 5 Unit (2)
Time: 55 minutes

Q1:Choose the correct answer: (7 marks)

1) The composite number in the following numbers is .....
   a. 7 b. 17 c. 15 d. 5
2) The value of the variable x in the equation: x + 3.5 = 7 is .....
   a. 3.5 b. 10.5 c. 0 d. 5.5
3) 1 and 7 are the common factor of .....
   a. 2 and 7 d. 2 and 14 c. 7 and 12 d. 7 and 14
4) The number 11 has ..... factors.
   a. 3 d. 1 c. 2 d. 4
5) The factors of 18 are .....
   a. 2, 3, 3 d. 18, 9, 2 c. 1, 2, 3, 6, 9, 18 d. 6
6) For the equation:7.325 - x = 4.127, which of the foltowing part-to-whole bar modele is suitable ?

a.

x	
7.325	4.127

d.

4.127	
x	7.325

c.

7.325	
x	4.127

d.

x	
4.127	3.198

7) The GCF of 3 and 7 is .....
   a. 1 b. 0 c. 3 d. 7

Q2: Complete the following (8 marks)

1) The LCM of 3 and 5 is .....
2) The value of variable y in the equation: y - 7.3 = 13.5 is .....
3) 3.75 + m + 5.48 is called .....
4) The common factor of all numbers is .....
5) The number whose all prime factors are 2,3 and 5 is .....
6) The only even prime number is .....
7) The value of variable y in the equation: 15.9 - y = 13.5 is .....
8) The greatest prime factor of the number 28 is .....

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Q3 :Choose the correct answer: (7 marks)

1) The multiple of any number is .....

a. 0 d. 2 c. 1 d. 3

2) Which is common multiple of 8 and 6?

a. 8 d. 6 c. 24 d. 32

3) The number ..... is one of multiple of 5

a. 3,215 d. 5,551 c. 10,103 d. 10,004

4) Which of the following has the same greatest common factor as 42 and 12?

a. 9 and 6 d. 8 and 24 c. 16 and 60 d. 18 and 30

5) m + 3.2 = 10.5 is called .....

a. variable b. equation c. expression d. neither

6) ..... isn't a prime number.

a. 1 b. 2 c. 3 d. 7

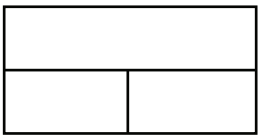
7) The smallest odd prime number is .....

a. 3 b. 1 c. 2 d. otherwise

Q4 :Choose the correct answer: (8 marks)

1) Murad has 73.25 LE. He spent 10. Find the remainder with him

2) Find value of x in the equation: x - 6.82 = 1.23



3) Find the common multiple and GCF of 36 and 24:

Factor of 36: ..... Factor of 24: .....

Common factor: ..... GCF = ...

4) Find GCF and LCM by factorization of 12, 8 and 18:

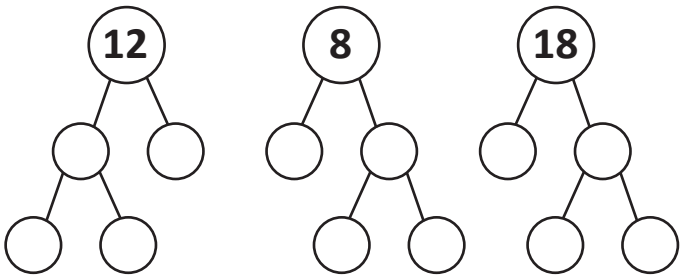
12 = ...

8 = ...

18 = ...

GCF = ...

LCM = ...



Good luck.

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October 2023

Revision Grad 5

(1) Choose the correct answer:

1) The place value of the digit 3 in the number 15.32 is .....

a. Ones **b.** Hundreds **c.** Tenths **d.** Thousandths

2) The value of the digit 4 in the number 3.514 is .....

a. 40,000 **b.** 400 **c.** 0.4 **d.** 0.004

3) Sixty-four and sixty-four thousandths = ...

a. 46.046 **b.** 64.064 **c.** 64.64 **d.** 46.46

4) $\frac{469}{1{,}000}$ = ...

a. 4.96 **b.** 0.469 **c.** 459 **d.** 4.69

5) The decimal fraction 0.053 reads .....

a. Fifty-three hundredths **b.** Fifty-three hundreds

c. Thirty-five hundredths **d.** Fifty-three thousandths

6) 30 + 0.04 + 0.005 = ...

a. 30.045 **b.** 30.45 **c.** 30.405 **d.** 30.504

7) 489.51 = 489 + ...

a. 0.51 **b.** 51 **c.** 1.51 **d.** 5.1

8) 6 ones + 5 tenths + 7 thousandths = ...

a. 0.756 **b.** 6.507 **c.** 657 **d.** 6,507

9) 8 hundredths equivalent to ..... thousandths

a. 80 **b.** 8 **c.** 800 **d.** 0.008

10) 3.7 × 100 = ...

a. 37 **b.** 370 **c.** 3,700 **d.** 0.37

11) 65.2 ÷ 10 = ...

a. 0.652 **b.** 65.2 **c.** 6.52 **d.** 652

12) 2.13 × ..... = 2,130

a. 10 **b.** 100 **c.** 1,000 **d.** 10,000

13) 23.4 ÷ ..... = 2.34

a. 10 **b.** 100 **c.** 1,000 **d.** 10,000

14) 36.5 ..... 35.6

a. > **b.** < **c.** = **d.** Otherwise

15) 25.12 ..... 25.056

a. > **b.** < **c.** = **d.** Otherwise

16) 0.004 ..... $\frac{4}{1{,}000}$

a. > **b.** < **c.** = **d.** Otherwise

17) 5.36 > .....

a. 5.37 **b.** 5.362 **c.** 5.366 **d.** 3.561

18) The smallest decimal number from the following is .....

a. 8.8 **b.** 8.90 **c.** 8.1 **d.** 7.5

19) Which digit can be placed in the square to make the mathematical expression is correct?
348.389 < 34 □.13

a. 5 **b.** 6 **c.** 8 **d.** 9

20) 18.58 ≈ ..... [to the nearest whole number]

a. 59 **b.** 19 **c.** 18 **d.** 18.6

21) 1.450 ≈ ..... [to the nearest tenth]

a. 10 **b.** 1 **c.** 1.5 **d.** 15

22) 3.649 ≈ ..... [to the nearest 2 decimal places]

a. 3.74 **b.** 3.65 **c.** 3.54 **d.** 4.6

23) The rounding of the decimal number 9.325 to the nearest ..... is 9.33

a. Tenth **b.** Hundredth **c.** Thousandth **d.** Whole

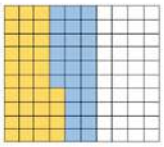
24) 4.14 + 3.05 = ...

a. 7.58 **b.** 1.19 **c.** 7.19 **d.** 740

25) 45.9 – 13.33 = ...

a. 34.7 **b.** 35.1 **c.** 20.1 **d.** 32.57

26) Which of the following expressions represent the opposite model?



a. 0.32 + 0.2 **b.** 0.34 + 0.26

c. 0.27 + 0.33 **d.** 0.24 + 0.36

27) 8 hundredths – 5 hundredths = ...

a. 3 **b.** 300 **c.** 0.3 **d.** 0.03

28) 5 tenths – 35 hundredths = ... hundredths

a. 15 **b.** 35 **c.** 30 **d.** 5

29) The estimate of the sum of 35.762 + 63.014 is .....

a. 99 **b.** 80 **c.** 98.76 **d.** 110

30) The estimation of 0.5 + 0.7 by rounding to the nearest whole is .....

a. 1 **b.** 2 **c.** 1.2 **d.** 0.3

31) The estimation of 0.91 + 2.52 by using benchmark strategy is .....

a. 2 **b.** 3 **c.** 2.5 **d.** 3.5

32) The estimation of 37.42 – 11.42 by using front-end strategy is .....

a. 20 **b.** 26 **c.** 30 **d.** 36

33) Which of the following represents an equation .....?

a. 4.8 + 2.5 **b.** x – 5 = 3.14 **c.** y + 4.8 **d.** 9 – b

34) y + 12 is called .....

a. Expression **b.** Equation **c.** Place value **d.** Value

35) The variable in the equation 56.4 + x = 96 is .....

a. 56.4 **b.** x **c.** 96 **d.** 6.5

36) Which of the following equations represent the mathematic operation: [6 plus a number equal 11]?

a. B – 11 = 6 **b.** B – 6 = 11 **c.** 6 + 11 = B **d.** 6 + B = 11

37) The value of variable x + 4.5 = 8 is .....

a. 35 **b.** 4.5 **c.** 3.5 **d.** 5.5

38) By using the bar model: the value of m is .....

a. 2.8 **b.** 1.64
c. 1.8 **d.** 0.36

3.16	
m	2.8

39) The number 7 has ..... factors.

a. 1 **b.** 2 **c.** 3 **d.** 4

40) ..... is the only even prime number

a. 0 **b.** 1 **c.** 2 **d.** 3

41) The prime factors of the number 18 are .....

a. 2, 2 and 3 **b.** 2,3 and 3 **c.** 6 and 2 **d.** 4 and 3

42) The number whose its prime factors are 2,2,3 is .....

a. 7 **b.** 8 **c.** 12 **d.** 18

43) The common factor of all numbers is .....

a. 0 **b.** 1 **c.** 2 **d.** 3

44) The G.C.F of 20 and 30 is .....

a. 1 **b.** 4 **c.** 5 **d.** 10

45) The G.C.F of 5 and 7 is .....

a. 12 **b.** 35 **c.** 1 **d.** 0

46) The number .....is a multiple of 5

a. 6 **b.** 9 **c.** 37 **d.** 20

47) The number ..... is a common multiple of 3 and 5 together.

a. 10 **b.** 8 **c.** 15 **d.** 20

48) The multiple of any number is .....

a. 0 **b.** 1 **c.** 2 **d.** 3

49) The L.C.M of 5 and 10 is .....

a. 5 **b.** 10 **c.** 15 **d.** 20

50) The L.C.M of 2 and 7 is .....

a. 2 **b.** 7 **c.** 14 **d.** 9

(2) Complete:

1) The value of the digit 6 in the number 36.059 is .....
2) The place value of the digit 7 in the number 91.374 is .....
3) The digit in the hundredth place in the number 3.456 is .....
4) 6 tenths = ... hundredths
5) The number of tenths in the decimal fraction 0.76 equal ..... tenths
6) Thirty-six and twenty five hundredths in digits is .....
7) The number $4 + 0.2 + \frac{4}{100} + \frac{9}{1,000}$ in standard form is .....
8) 3.06 in word form is .....
9) 3 + 3 tenths + 3 hundredths = ...
10) 40 + 8 + 0.5 + 0.06 = ...
11) 78.65 × 10 = ...
12) 73.68 ÷ ..... = 7.368
13) The rounding of the number 35.546 to the nearest hundredth is .....
14) 5.238 + 3.65 = ...
15) 8.659 – 4.32 = ...
16) The estimation of 26.32 + 39.9 by rounding to the nearest whole is .....
17) The variable in the equation x + 5 = 9 is .....
18) If y + 1.2 = 7.5 , then y = ...
19) If a – 1.241 = 0.213 , then a = ...
20) In the bar model

30.8	
a	19.5

, the value of a = ...

21) The equation which represents the model is .....

30.8	
a	19.5

22) The number whose prime factors are 2,2,5 is .....
23) The G.C.F of 16 and 24 is .....
24) The G.C.F of 2 and 3 is .....
25) The L.C.M of 6 and 12 is .....

(3) Answer the following:

1) Decompose the number 80.507 using the expanded form

.....

2) Ola saved 17.25 pounds, and her brother saved 8.5 pounds. Find the sum they saved

.....

3) Ahmed catches a fish its length is 22.5 cm and Assem catches a fish its length is 13.2 cm. find the difference between the lengths of the two fish.

.....

4) Which is greater 3,508.42 or 358.32?

.....

5) Order from least to the greatest: 0.096 , 2.56 , 1.26 , 0.27

.....

6) Find the greatest common factor [G.C.F] of 12 and 18

.....

.....

.....

.....

7) Write the prime factors of 35 and 28 , then find the G.C.F for them.

.....

.....

.....

.....

8) Find L.C.M for the two numbers 8 and 12

.....

.....

.....

9) Find the L.C.M and G.C.F for the two numbers 6 and 10

.....

.....

.....

.....

Answer guide grade 5

1) Choose:

1)	c	11)	c	21)	c	31)	d	41)	b
2)	d	12)	c	22)	b	32)	a	42)	c
3)	b	13)	a	23)	b	33)	b	43)	b
4)	b	14)	a	24)	c	34)	a	44)	d
5)	d	15)	a	25)	d	35)	b	45)	c
6)	a	16)	c	26)	b	36)	d	46)	d
7)	a	17)	d	27)	d	37)	c	47)	c
8)	b	18)	d	28)	a	38)	d	48)	a
9)	a	19)	d	29)	a	39)	b	49)	b
10)	b	20)	b	30)	b	40)	c	50)	c

2) Complete:

1)	6	6)	36.25	11)	786.5	16)	66	21)	a + 19.5 = 30.8
2)	hundredths	7)	4.249	12)	10	17)	x	22)	20
3)	5	8)	Three and six hundredths	13)	35.55	18)	6.3	23)	8
4)	60	9)	3.33	14)	8.888	19)	1.454	24)	1
5)	7	10)	48.56	15)	4.339	20)	11.3	25)	12

3) Essay:

1)	80 + 0.5 + 0.007
2)	The sum = 17.25 + 8.5 = 25.75 pounds
3)	The difference = 22.5 – 13.2 = 9.3 cm
4)	The greater: 3,508.42
5)	The order: 0.096 , 0.27 , 1.26 , 2.56
6)	G.C.F of 12 and 18: 6
7)	• Prime factors of 35: 5,7 • Prime factors of 28: 2,2,7 • G.C.F of 35 and 28: 7
8)	L.C.M of 8 and 12: 24
9)	• G.C.F of 6 and 10: 2 • L.C.M of 6 and 10: 30

1) choose the correct answer

1) The number 10 million,175 thousand,314 in standard form is ……

a) 10,157,413 b) 10,571.314 c) 10,175,314 d) 10,751,314

2) 34.56 …… 34.7

a) > b) < c) =

3) 999.9 ≈ …….. (to the nearest whole number)

a) 990 b) 999 c) 1000 d) 900

4) 4 hundredths + 35 thousandths = ……thousandths

a) 0.39 b) 0.039 c) 0.07 d) 0.075

5) The value of the digit 7 in the number 7854321989 is ……

a) millions b) 70000000 c) milliards d)7000000000

6) 4999 ≈ …….. (to the nearest ten)

a) 5990 b) 9990 c) 5000 d) 4900

7) The place value of the digit 4 in the number 67854321989 is ……

a) 4000000 B) millions c) 400000 d) ten millions

8) 567 + 45 = 45 + ……. , (is using ……... property)

a) 45 associative b) 567 associative c) 45 commutative d) 567 commutative

9) 302.005 = 300 + 2 + …….

a) 5 b) 0.050 c) 0.500 d) 0.005

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10) 6 × 5 = ……. Tens

a) 30 b) 300 c) 0.3 d) 3

11) 5 + 80 + 0.01 + 0.003 = ……

a) 85.103 b) 85.013 c) 85.13 d) 83.013

12) 200 + 80 + 8 + 0.4 = ……

a) 288.5 b) 288.4 c) 289 d) 200.884

13) 45.235 to the nearest hundredths is ……..

a) 0.24 b) 45.24 c) 45.23 d) 45

14) 321.1 + 187.12 = ……

a) 508.22 b) 228.52 c) 508.02 d) 508

15) 0.35 + 0.58 = ……

a) 0.39 b) 1.39 c) 0.93 d) 0.95

16) 53.77 – 12.63 = ……..

a) 41.14 b) 14.41 c) 4.41 d) 41.4

17) $4\frac{6}{100}$ = ……..

a) 4.6 b) 4.06 c) 400.6 d) 4.006

18) 2.7…8 ≈ 2.76 (to the nearest hundredths)

a) 5 b) 6 c) 7 d) 8

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19) 29.99 ≈ ….. (to the nearest tenths)

a) 30.1 b) 29.10 c) 30 d) 29

20) The place value of 9 is hundredths , then its value is ……..

a) 900 b) 0.9 c) 0.09 d) 0.009

21) In 56.2 + x = 98 the variable is ……

a) 1.5 b) x c) 5.6 d) 4

22) m + 3.5 = 8.92 , then m = ……..

a) 12 b) 12.42 c) 5.42 d) 5

23) Which of the following is an expression ?

a) 12.5+7=k b)7.25+2.12=9.36 c) 16.7-4.1 d) x – 4.5 = 2.4

24) 12.5 increased by a number is 15 . equation is …….

a) 12.5 +15=x b) 12.5 +15 c) 12.5 +15 d) 12.5 +15

25) 5.6 + M is ……

a) equation b) expression c) neither

26) 15 is an …….. number

a) even b) odd c) prime

27) The prime number has ……. Factors

a) 5 b) 2 c) 1 d) itself

28) All of the following are prime numbers except …….

a) 2 b) 3 c) 1 d) 5

29) LCM of two different numbers is …… their GCF

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a) > b) = c) <

30) 16 is a multiple of …….

a) 6 b) 4 c) 36 d) 32

31) 3,2,7 are prime factors of ……

a) 21 b) 14 c) 42 d) 44

2) complete the following

1) 45.567 = …….+…….
2) Three hundred two and twelve thousandths in standard form is …….
3) 324 thousandths + 476 thousandths = …….thousandths
4) The benchmark of 0.9 is …….
5) 7 tenths = ……hundredths = ……thousandths
6) 68.32 = 60 + ……. + 0.3 + …….
7) The benchmark of 0.199 is …….
8) The decimal form of 6 and 19 thousandths is ……
9) The word form of 7.008 is ……
10) 85.134 - 59.076 = ……
11) 2 + 0.7 = ……..
12) The value of the number decreased when …… by 10
13) 10.23 ≈ …… (to the nearest one decimal place)
14) 5 hundredths + 5 thousandths = ……. Thousandths
15) 15.7 tenths = 1 + …… + 0.07
16) Five ones and forty seven thousandths in standard form is ……
17) 7 tenths – 7 thousandths = ……
18) 23.52 × 10 = ……

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19) 45.61 × 100 = ...
20) 731.56 ÷ 100 = ...
21) 316 ÷ 10 = ...
22) 1.2 – 0.95 = ...
23) 58.479 ≈ 58.5 (to the nearest .....)
24) 4.6 × 1000 = ...
25) 0.479 ≈ ..... (to the nearest whole number)
26) 55.55 in expanded form is .....
27) The common factor of all numbers is .....
28) The common multiple of all numbers is .....
29) In the equation R + 2.26 = 1.2 + 4.3 , the value of R is .....
30) S + 15.32 = 18.20 then S = ...
31) S - 14.19 = 11.42 then S = ...
32) The multiples of 4 between 21 and 35 are .....
33) GCF of 12 and 16 is .....
34) The smallest prime number is .....
35) The smallest odd prime number is .....
36) The only even prime number is .....
37) 18 has .....factors
38) The factors of 14 are .....
39) The prime factors of 14 are .....
40) The product of 2,2,2,3 is .....
41) The first multiples of 6 are .....
42) GCF of any two different prime numbers is ..... one
43) GCF of any two same prime numbers is ..... itself
44) The prime number between 20 and 30 are .....
45) LCM of 4 and 6 is .....
46) GCF of 30 and 40 is .....
47) The number of factors of 12 is .....

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48) LCM of 9 and 12 is …….

49) GCF of 8 and 24 is ……

50) LCM of 6 and 10 is …….

51) The number of factors of 13 is ……

52) The equation which represent the bar model

7.26	
R	3.5

is …… and value of R = …….

3) Compare using > , < , =

1)	3.2	○	3.199
2)	14.6	○	14.600
3)	3.7 + 0.8	○	4.1 + 0.4
4)	0.13	○	13 hundredths
5)	1 + 0.3	○	1 + 0.302
6)	6.006	○	6 ones , 6 hundredths
7)	8.345	○	9
8)	$5\frac{1}{4}$	○	5.35
9)	$\frac{1260}{100}$	○	12.60
10)	$\frac{80}{100}$	○	$\frac{800}{1000}$
11)	2.5×100	○	25×10
12)	$3150 \div 100$	○	315×10

4) Answer the following

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1) Maria has 3.95 L.E. and Yara has 6.3 L.E. how much do they have together ?

……

……

2) Seif has 53.75 L.E. he spent 35.05 L.E. find the remainder with him .

……

……

3) When m= 53.218 & e= 64.61 , estimate the sum of them and write the actual sum .

……

……

4) If the sum of two numbers is 65.324 and one of them is 4.21 find the other one . (write the equation) .

……

……

5) Yara saved 144 L.E. daily,how much does she has after 100 days ?

……

……

6) The length of nada is 1.06 m. ,and seif is taller than her by 0.35 m. find the length of seif .

……

……

Answers

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1) choose the correct answer

1) The number 10 million,175 thousand,314 in standard form is ……

a) 10,157,413 b) 10,571.314 c) 10,175,314 d) 10,751,314

2) 34.56 …… 34.7

a) > b) < c) =

3) 999.9 ≈ …….. (to the nearest whole number)

a) 990 b) 999 c) 1000 d) 900

4) 4 hundredths + 35 thousandths = ……thousandths

a) 0.39 b) 0.039 c) 0.07 d) 0.075

5) The value of the digit 7 in the number 7854321989 is ……

a) millions b) 70000000 c) milliards d)7000000000

6) 4999 ≈ …….. (to the nearest ten)

a) 5990 b) 9990 c) 5000 d) 4900

7) The place value of the digit 4 in the number 67854321989 is ……

a) 4000000 B) millions c) 400000 d) ten millions

8) 567 + 45 = 45 + ……. , (is using ……... property)

a) 45 associative b) 567 associative c) 45 commutative d) 567 commutative

9) 302.005 = 300 + 2 + …….

a) 5 b) 0.050 c) 0.500 d) 0.005

10) 6 × 5 = ……. Tens

a) 30 b) 300 c) 0.3 d) 3

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11) 5 + 80 + 0.01 + 0.003 = ……

a) 85.103 b) 85.013 c) 85.13 d) 83.013

12) 200 + 80 + 8 + 0.4 = ……

a) 288.5 b) 288.4 c) 289 d) 200.884

13) 45.235 to the nearest hundredths is ……..

a) 0.24 b) 45.24 c) 45.23 d) 45

14) 321.1 + 187.12 = ……

a) 508.22 b) 228.52 c) 508.02 d) 508

15) 0.35 + 0.58 = ……

a) 0.39 b) 1.39 c) 0.93 d) 0.95

16) 53.77 – 12.63 = ……..

a) 41.14 b) 14.41 c) 4.41 d) 41.4

17) $4\frac{6}{100}$ = ……..

a) 4.6 b) 4.06 c) 400.6 d) 4.006

18) 2.7…8 ≈ 2.76 (to the nearest hundredths)

a) 5 b) 6 c) 7 d) 8

19) 29.99 ≈ ….. (to the nearest tenths)

a) 30.1 b) 29.10 c) 30 d) 29

20) The place value of 9 is hundredths , then its value is ……..

a) 900 b) 0.9 c) 0.09 d) 0.009

21) In 56.2 + x = 98 the variable is ……

a) 1.5 b) x c) 5.6 d) 4

22) m + 3.5 = 8.92 , then m = ……..

a) 12 b) 12.42 c) 5.42 d) 5

23) Which of the following is an expression ?

a) 12.5+7=k b)7.25+2.12=9.36 c) 16.7-4.1 d) x – 4.5 = 2.4

24) 12.5 increased by a number is 15 . equation is …….

a) 12.5 +x=15 b) 12.5 +15 c) 12.5 +15 d) 12.5 +15

25) 5.6 + M is ……

a) equation b) expression c) neither

26) 15 is an …….. number

a) even b) odd c) prime

27) The prime number has ……. Factors

a) 5 b) 2 c) 1 d) itself

28) All of the following are prime numbers except …….

a) 2 b) 3 c) 1 d) 5

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29) LCM of two different numbers is …… their GCF

a) ≥ b) = c) <

30) 16 is a multiple of …….

a) 6 b) 4 c) 36 d) 32

31) 3,2,7 are prime factors of ……

a) 21 b) 14 c) 42 d) 44

2) complete the following

1) 45.567 = 45+0.567
2) Three hundred two and twelve thousandths in standard form is 302.012
3) 324 thousandths + 476 thousandths = 791 thousandths
4) The benchmark of 0.9 is 1
5) 7 tenths = 70 hundredths = 700 thousandths
6) 68.32 = 60 + 8 + 0.3 + 0.02
7) The benchmark of 0.199 is 0
8) The decimal form of 6 and 19 thousandths is 6.019
9) The word form of 7.008 is seven and eight thousandths
10) 85.134 - 59.076 = 26.058
11) 2 + 0.7 = 2.7
12) The value of the number decreased when dividing by 10
13) 10.23 ≈ 10.2 (to the nearest one decimal place)
14) 5 hundredths + 5 thousandths = 25 Thousandths
15) 15.7 tenths = 1 + 0.5 + 0.07
16) Five ones and forty seven thousandths in standard form is 5.047
17) 7 tenths – 7 thousandths = 0.693

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18) 23.52 × 10 = 235.2
19) 45.61 × 100 = 4561
20) 731.56 ÷ 100 = 7.3156
21) 316 ÷ 10 = 31.6
22) 1.2 – 0.95 = 0.25
23) 58.479 ≈ 58.5 (to the nearest tenths)
24) 4.6 × 1000 = 4600
25) 0.479 ≈ 0 (to the nearest whole number)
26) 55.55 in expanded form is 50 + 5 + 0.5 + 0.05
27) The common factor of all numbers is 1
28) The common multiple of all numbers is 0
29) In the equation R + 2.26 = 1.2 + 4.3 , the value of R is 3.24
30) S + 15.32 = 18.20 then S = 2.88
31) S - 14.19 = 11.42 then S = 25.61
32) The multiples of 4 between 21 and 35 are 24 , 28 , 32
33) GCF of 12 and 16 is 4
34) The smallest prime number is 2
35) The smallest odd prime number is 3
36) The only even prime number is 2
37) 18 has 6 factors
38) The factors of 14 are 1 ,14 , 2 , 7
39) The prime factors of 14 are 2 , 7
40) The product of 2,2,2,3 is 24
41) The first multiples of 6 are 0 , 6 , 12 , 18 , 24
42) GCF of any two different prime numbers is one
43) GCF of any two same prime numbers is itself
53) The prime number between 20 and 30 are 23 , 29
54) LCM of 4 and 6 is 12
55) GCF of 30 and 40 is 10
56) The number of factors of 12 is 6

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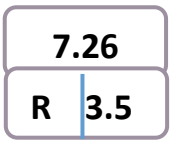
57) LCM of 9 and 12 is 36
58) GCF of 8 and 24 is 8
59) LCM of 6 and 10 is 30
60) The number of factors of 13 is 2
61) The equation which represent the bar model 

is 7.26 – R = 3.5 and value of R = 3.76

3) Compare using > , < , =

1) >
2) =
3) =
4) =
5) <
6) <
7) <
8) <
9) =
10) =
11) =
12) <

4) Answer the following

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1) They have together 3.95 + 6.3 = 10.25 L.E.

2) The remainder with him = 53.75 – 35.05 = 18.7 L.E.

3)
$$\begin{array}{r} 53.218 \\ +\ 64.61 \\ \hline 117.828 \end{array} \qquad \begin{array}{r} 50 \\ +\ 60 \\ \hline 110 \end{array}$$

4) 4.21 + X = 65.324 so X = 65.324 – 4.21 = 61.114
(you can solve using area model)

5) She can save 144 × 100 = 14400 L.E.

6) Length of seif = 1.06 + 0.35 = 1.41 m

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Q1) Choose the correct answer:

1-0.300= ……..

a) 30 tenths b) 3 hundred c) 3 tenths

2- 6 ones + 5 tenths + 7 thousands is ……

a) 0.756 b)6.507 c)657

3- Which of the following is true:

a) $0.532 > 0.537$

b)b) $0.1+3 < 1.3$

c) $\frac{18}{10} = 1.8$

4- 3.8….9 ~ 3.85 (to the nearest hundredths)

a) 3 b) 4 c) 5

5- 7 tenths + 3 tenths = …… tenths

a)1 b) 10 c)100

6- 71 hundredths + 9 hundredths = ….. tenths

a)88 b) 80 c)8

7- 7 tenths – 7 thousands = ……

a) 0.693 b) 0.63 c) 6.3

8- 42.18 x 10 = ……

a) 4.218 b) 421.8 c) 42.18

9- The number fifteen and fifteen thousandths in expanded form is ……..

a) 10 + 5 + 0.1 + 0.005
b) 10 + 5 + 0.05 + 0.001
c) 10 + 5 + 0.01 + 0.005

10- Sara wants to write an equation with a variable to represent 12.5 plus a number equals fifteen, which of the following represent her equation:

a) 12.5 + 15 = x
b) 12.5 + x =15
c) 15 + x = 12.5

11- Y + 12 is called ……

a) expression b)equation c)value

12- If p + 3.652 = 5.652 then p= …….

a) 1 b)2 c)3

13- Which statement is true?

a) 1 is a factor of only odd numbers
b) 1 is not a factor of any number
c) 1 is a factor of every number
d) 1 is a factor of only 0

14- The common multiples of 6 and 8 are the same as the multiples of which number:

a) 12 b)20 c) 24

15- 575÷1000 = ……

a) 5.75 b)0.575 c)575000

16- 35.602 = 35 + ….

a) 602 b) 0.62 c) 0.602)

17- Rounding the number 175,329.275 to the nearest hundred thousand is ……..

a) 100,000 b)200000 c)100000.275

18- In the problem 74.8 ÷ 10 the value of the digit 4 decreased from 4 to ……

a) 40 b)0.4 c)0.04

19- The place value of 3 in 2.435 is ……..

a) tenths b) hundredths c)thousandths

20- 7368 ÷ ….. = 73.68

a) 100 b) 0.1 c) 0.01

20- The sum of two number is 69.321, This statement is ……

a) Expression b) Equation c) Neither

21- Expression is.....

a) Is a number, a variable, or a combination of numbers and variables and operation symbols.
b) Is made up of two expressions connected by an equal sign.

Q2)Complete

1- In 562.417 the digit 7 is in the …… place and its value is …….

2- The decimal forms from 5 and 17 thousandths is…….

3- In 57.246 the digit 6 represents ……..

4- 0.9986 ~ to the nearest hundredths is ……..

5- 55.55 in expanded form is ……..

6- …….. – 2.79 = 3.21

7- The word form of 13.013 is
……

8- The variable in the equation x + 5 = 9 is ……

9- The only even prime number is ……..

10- The smallest odd prime is ……..

11- One is neither prime nor composite number because …….

12- The common multiple for all numbers is ……. while the common factor is ……

13- 7 hundredths – 35 thousandths = ……. Thousandths

14- 27 = 3 x …. , hence 27 is a multiple of …. and ……

15- 36.479 ~ 36.50 is rounded to the nearest ……..

16- The 2 digit prime number which is less than 13 is …..

17- The prime factor of 19 is …..

18- The prime factors of repetition are ……

19- The greatest factor of 72 is ……. while the smallest factor of 21 is ….

20- All multiples of 5 between 14 and 44 are ……..

21- The first 5 multiples of 3 are ……

22- The place value of digit 0 in the number 5,417.809 is ……

23-The expanded form of this number 145.287 is.....

24-Y + 0.24 = 4.73+ 2.89, Y =.....

25- Round this number 57.892 to the nearest Whole number ……..

26- Round this number 57.892 to the nearest Tenths place ……..

27- Round this number 57.892 to the nearest Hundredths place ……..

Q3) Miscellaneous problems:

Put (> ,< , =)

$2\frac{8}{100}$	☐	$2\frac{1}{4}$
99.257	☐	1234 tenths
865 thousandths	☐	865 hundredths
4,259,781.045	☐	4,259,781.045

Find the result:

1- $12.179 + 11\frac{1}{4}$ = ……..

2- 35.001 + 14.999 = ……..

3- 3218.975 – 218.853 = ……..

4- 512 + 88.35 – 67.035 = ……..

Story problems:

1- Hanaa has 200 LE she wants to buy a pair of shoes for 99.8 LE , a bag for 45.75 LE and a dress for 70.25 LE . can she buy all she wants ? why?

.....

.....

.....

.....

2- Mazen had 35 LE he bought a ball for 9.75 LE and a book for 8.4 LE how much money was left with him?

.....

.....

.....

.....

3- Mona waters one of her plants every 4 days and another plant every 6 days if she waters both plants today when is the next time both plants will be watered on the same day?

.....

.....

.....

.....

4- A water tank was filled with 78.563 liters if 36.156 liters is poured from it what equation represent the remain water and how much is it?

.....

.....

.....

.....

5- Sara has 16 red flowers and 24 yellow flowers she wants to make bouquets with the same number of each color flower in each bouquet what is the greatest number of bouquets she can make?

.....

.....

.....

.....

Unit (1) Assessment

[1] Choose the correct answer:

(1) The place value of the digit 3 in the number 82.238 is .....
(a) tens (b) thousandths (c) tenths (d) hundredths

(2) The smallest number from the following is .....
(a) 990.89 (b) 991.01 (c) 990.9 (d) 990.790

(3) 259.54 ≃ ..... (to the nearest whole number).
(a) 260 (b) 259.5 (c) 259 (d) 250

(4) Forty-five thousandths = ...
(a) 45,000 (b) 450,000 (c) 0.450 (d) 0.045

(5) 6.09 – 3.89 is estimated as .....
(a) 2.5 (b) 2 (c) 1.5 (d) 1

(6) 6.319 > .....
(a) 6.402 (b) 7.109 (c) 6.309 (d) 6.91

[2] Complete:

(1) 0.35 + 0.64 = ...

(2) 4.325 – 3.122 = ...

(3) 13.85 + 6.19 is estimated as .....

(4) 3 + 0.005 + 0.2 + 0.01 = ...

(5) 9.659 ≃ ..... (to the nearest hundredth).

(6) If the value of 7 is 0.007, then its place value is .....

[3] Find:

(1) Saeed bought a trousers and a shirt. The price of the trousers is 58.75 pounds and he paid totally 130 pounds. What is the price of the shirt?

.....

(2) Two pieces of gold: the weight of 1st is 3.89 kg and the weight of 2nd is 6.008 kg. Find the weight of the two pieces together.

.....

(3) Arrange the following numbers from greatest to smallest:
1.425 – 1.005 – 3.425 – 3.125 – 2.04

.....

Unit (2) Assessment

[1] Choose the correct answer:

(1) If: N – 4.45 = 9.27, then N = ...

a 4.82 b 5.22 c 13.62 d 13.72

(2) The GCF of the two numbers 3 and 9 is .....

a 1 b 2 c 3 d 4

(3) The common multiple of all numbers is .....

a 0 b 1 c 2 d 3

(4) Which of the following is composite number? .....

a 2 b 7 c 15 d 11

(5) 7.35 + 2.65 = 10 represents .....

a equation c mathematical expression

b variable d otherwise

(6) The LCM of the two numbers 5 and 6 is .....

a 6 b 30 c 5 d 11

[2] Complete:

(1) The smallest prime number is .....

(2) The common factor of all numbers is .....

(3) The LCM of the two numbers 2 and 7 is .....

(4) If: Y + 7.828 = 38.459, then Y = ...

(5) The number whose prime factor are (2, 3, 5) is .....

(6) The GCF of the two numbers 12 and 20 is .....

[3] Find:

(1) Find GCF and LCM of the two numbers 6 and 8.

.....

.....

.....

.....

.....

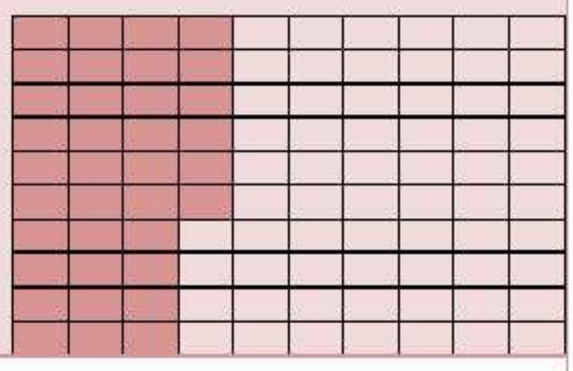
(2) The weight of boxes together is 14.6 kg and the weight of 1st is 8.15 kg. What is the weight of 2nd? .....

Exam (unit one)

Example (1) Choose the correct answer

(1)	Which of the following numbers has the place value of the digit 3 in ten?						
(أ)	39.24	(ب)	43.175	(جـ)	150.3	(د)	372.59
(2)	100+20+0.05+0.009 = ...						
(أ)	120.59	(ب)	12.059	(جـ)	120.059	(د)	1,200.59
(3)	Which of the following decimal numbers is the largest ?						
(أ)	425.002	(ب)	425.02	(جـ)	425	(د)	425.2
(4)	Rounding the decimal number 259.51 to the nearest integer is.....						
(أ)	260	(ب)	259.5	(جـ)	259	(د)	250
(5)	Forty-five thousandths.....						
(أ)	450.000	(ب)	45.000	(جـ)	0.450	(د)	0.045
(6)	When dividing a decimal number by 10, the value of the number is.....						
(أ)	decrease	(ب)	increase	(جـ)	do not change	(د)	multiply
(7)	60.33 – 12.58 = ...						
(أ)	74.75	(ب)	47.75	(جـ)	72.91	(د)	47.57

Example (2): - Complete

1	If the value of the digit 7 is 0.007, then the place value of the digit is.....
2	9.659 ≈ ..... to the nearest thousand
3	The product of the summation estimate: 39.9 + 26.32 is.....
4	When multiplying the decimal number 5.8 by the number 10, the value of the digit 8 changes from 0.8 to.....
5	$\frac{574}{1000}$ = ...
6	The decimal fraction that expresses the shaded part in the corresponding form is ..... 
7	The distinguishing number to the decimal fraction 0.499 is..
8	9 ones and 6 thousandths = ... (standard form)

Example (3) Choose the correct answer							
(1)	5.9 ..... 6.03						
(أ)	>	(ب)	<	(جـ)	=	(د)	غير ذلك
(2)	The value of the digit 3 in the number 82.238 is.....						
(أ)	30	(ب)	0.3	(جـ)	0.03	(د)	0.003
(3)	0.3 + 0.08 = ...						
(أ)	0.38	(ب)	0.11	(جـ)	1.1	(د)	3.8
(4)	2hundredths - 2 thousandths = ...						
(أ)	0.18	(ب)	18	(جـ)	0	(د)	0.018
(5)	The number in the ones place of the decimal number 56.79 is.....						
(أ)	5	(ب)	6	(جـ)	9	(د)	7
(6)	The verbal form of the number 1.002 is.....						
(أ)	One, two parts out of ten	(ب)	two	(جـ)	One, and two parts of a thousand	(د)	One, two parts out of a hundred
(7)	.....< 6.319						
(أ)	6.402	(ب)	7.109	(جـ)	6.309	(د)	6.91

Example (4): - Complete as required	
Two bars of gold, the mass of the first is 3.89 kg and the mass of the second is 6.008 kg Calculate the sum of the masses of the two alloys together?	1
Saeed bought a pair of pants and a shirt, so if the price of the pants was 58.75 pounds, and the total amount Saeed paid was 130 pounds, what is the price of the shirt?	2
Basma estimated the subtraction result from 54.789 - 45.106 with a value of 8, while Hossam estimated the value with a value of 10. Find the actual output, then determine which of the two estimates is closer to the actual output?	3
Ascending order 581.1 , 243.266 , 325.7 , 935.14 ..... ، ..... ، ..... ،	4

Exam (unit two)

Example (1) Choose the correct answer

(1)	The operation used to find the value of X in the equation: 6 - 3.2 = X is.....						
(أ)	addition	(ب)	subtraction	(جـ)	multiplication	(د)	division
(2)	The multifactorial number of the following numbers is.....						
(أ)	7	(ب)	3	(جـ)	15	(د)	5
(3)	The mathematical sentence: 6.87 = n + 2.17 represents.....						
(أ)	equation	(ب)	differentiated	(جـ)	a mathematical expression	(د)	otherwise
(4)	The least common multiple (LCM) of the numbers 3 and 6 is.....						
(أ)	3	(ب)	18	(جـ)	6	(د)	24
(5)	A number whose prime factors are 2, 3, and 5 is.....						
(أ)	30	(ب)	20	(جـ)	10	(د)	15
(6)	If: 15 = C + 12.5, then the value of C is equal to.....						
(أ)	25	(ب)	0.25	(جـ)	2.5	(د)	27.5
(7)	The greatest common factor of the numbers 14 and 28 is.....						
(أ)	3	(ب)	5	(جـ)	7	(د)	14

Example (2): - Complete

1	The first number prime following the number 11 is.....
2	The value of the variable y in equation 5 = y - 3.2 is.....
3	(G.C.F) for the numbers 12 and 14 is..... .....
4	The first 5 multiples of 4, except for zero, are ..... ,..... ,..... ,..... ,.....
5	The mathematical sentence: 2.61 + Z represents.....
6	The numbers 3, 6, 9, and 12 are multiples of a number.....
7	The smallest odd prime number is.....
8	R = ... R: 23,326 | 24,267 .

Example (3) Choose the correct answer							
(1)	Rounding the number 234,624 to the nearest ten thousand						
(أ)	234,000	(ب)	230,000	(جـ)	240,000	(د)	234,600
(2)	10 times the number 420 equals...						
(أ)	42,000	(ب)	42	(جـ)	420,000	(د)	4,200
(3)	Two numbers whose sum is 2.8, so if the first number is 1.7, then the equation that expresses this situation is?						
(أ)	X+1.7=2.8	(ب)	X-2.8=1.7	(جـ)	X=1.7+2.8	(د)	X=1.7×2.8
(4)	The common factor of all numbers is..... the smallest prime number						
(أ)	<	(ب)	>	(جـ)	=	(د)	otherwise
(5)	Its first prime is ..... only						
(أ)	Two factors	(ب)	one factors	(جـ)	Three factors	(د)	Four factors
(6)	The variable in the equation: 5.5 = 3.2 + X is						
(أ)	5.5	(ب)	3.2	(جـ)	2.3	(د)	X
(7)	56 is a multiple of.....						
(أ)	5	(ب)	6	(جـ)	8	(د)	9

مثال (2) : - أكمل حسب المطلوب	
Find (L.C.M) for the numbers 14 and 21	1
Find (G.C.F)for the numbers 15 and 30	2
Write an equation to represent the following word problem using a variable, then solve it: Two boxes have a sum of masses of 14.6 kg. If the mass of the first box is 8.15 kg, what is the mass of the second box?	3
Hussein and omar start a race to run around the stadium. If Hussein runs around the stadium in 8 minutes, and Omar runs around the stadium in 6 minutes, how many minutes after running will the two players meet at the starting point again? Do you have to find the greatest common factor (G.C.F) or the least common multiple (L.C.M)? what's the answer	4